```
GenCore version 4.5
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OM nucleic - nucleic search, using sw model
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(without alignments)
10.123 Million cell updates/sec April 26, 2001, 07:03:15; Search time 11829.6 Seconds Run on:

US-09-093-972C-953 23 1 TTTTCCTTCCTTGTCTTC 23 Perfect score: Sequence:

IDENTITY_NUC Gaport 1.0 Scoring table:

13168883 seqs, 2603265903 residues Searched:

Total number of hits satisfying chosen parameters:

seq length: 0 seq length: 2000000000 Minimum DB Maximum DB

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database

1: 'Canaly_ratents_NA_Main:*

2: 'Canal_G'ptodata/2/pna_fCDG0_COMB.seq:*

2: 'Canal_G'ptodata/2/pna_fUS0_COMB.seq:*

3: 'Can2_G'ptodata/2/pna_fUS0_COMB.seq:*

5: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

6: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

7: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

8: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

10: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

11: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

12: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

13: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

14: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

15: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

16: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

17: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

18: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

16: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

17: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

18: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

19: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

20: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

21: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

22: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

23: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

24: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

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26: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

27: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

28: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

29: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

20: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

20: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

20: 'Can2_G'ptodata/2/pna_fUS0B_COMB.seq:*

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/cgn2_6/ptodata/2/pna/US6007_COMB.seq:* /cgn2_6/ptodata/2/pna/US6008_COMB.seq:* /cgn2_6/ptodata/2/pna/US6009_COMB.seq:* /cgn2_6/ptodata/2/pna/US6010_COMB.seq:* /cgn2_6/ptodata/2/pna/US6011_COMB.seq:*

ptodata/2/pna/US6006_COMB.seq: ptodata/2/pna/US6005_COMB.seq

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/ CG912_6/ptodatu2/2pna/USG014_cOMB.seq:

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/ CG912_6/ptodatu2/2pna/USG017_cOMB.seq:

/ CG912_6/ptodatu2/2pna/USG018_cOMB.seq:

/ CG912_6/ptodatu2/2pna/USG018_cOMB.seq:

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/ CG912_6/ptodatu2/2pna/USG021_cOMB.seq:

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/ CG912_6/ptodatu2/2pna/USG021_cOMB.seq:

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/ CG912_6/ptodatu2/2pna/USG021_cOMB.seq:

/ CG912_6/ptodatu2/2pna/USG022_cOMB.seq:

/ CG912_6/ptodatu2/2pna/USG022_cOMB.seq:
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/cgn2_6/ptodata/2/pna/US6026_COMB.seq:*
/cgn2_6/ptodata/2/pna/US6027_COMB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

		oнo			SUMMARIES	,
Result No.	lt Score	Query Match	Length D	DB		Description
		10	23	14	IIS-09-093-972C-953	953
		10	. 23	19	S-09-509-152A	Sequence 956. App
O	20	88	601		-09-428-151A-10	104
	4 20.4	ω	2116	Η	-nsoo-05989	261,
	20	8	2116		-us00-23794	31,
	20	88.	2217	_	-US01-01324-	2918
		œ.	2217	_	-US01-01353	447,
	20	88.7	2219	-	PCT-US01-01324-2917	2917
,	. 20	m.	2219	.	PCT-US01-01353-446	446,
0	20.4	m	K) (23	in i	106
	707	· .	(7)	23	US-60-213-169-170	ednence 170
	202	88.7	32768	53	US-60-213-170-170	170
	20.	٠. ت	•	70	US-09-534-859-482	equence 482
0	19.	0	275	52	US-09-654-617-179541	179
		86.1	2/2	77	US-09-684-016-179541	179541
	19.	86.1	337	23	US-09-606-977-1159	1159
	19.	86.1	489	9 !	US-09-234-611-19823	1982
	19.	86.1	489	16	US-09-277-227-12543	1254
	19.	86.1	502	55	US-09-572-409-49088	49088
	19.	86.1	591	13	US-09-521-640-270870	270870
	19.	86.1	733	17	US-09-397-761A-2948	2948
	19.	86.1	1289	24	US-09-637-889-10390	10390,
	19.	86.1	1297	25	US-09-644-873-10213	10213,
	1.9	86.1	1297	25	US-09-652-916-9825	Sequence 9825, Ap
	15.	86.1	1297	28	US-09-716-472-5672	5672,
	19.	1.08	1494	74	US-09-620-392-66296	66296,
	19.	86.1	1506	58	US-09-703-708-3995	3995,
	19.	86.1	1506	48	US-60-164-320-3995	3995,
	19.	86.1	1506	20	US-60-183-791-3995	399
	19.	86.1	1732	52	US-09-644-873-7430	7430,
ים	19.	1.08 0.1	1/32	52	US-09-649-164-8032	8032,
	. 64.	80.1	1732	0 1	US-09-652-IZ6-868I	8681,
	. Ly.	1.08	1/32	72	08-09-652-355-9968	
	. 61.	1.08	1732	25	US-09-652-915-7450	7450,
	5 19.	86.1	1795	28	US-09-703-708-1266	1266,
	5 19.	86.1	1795	48	US-60-164-320-1266	126
	7 19.	86.1	1795	_	US-60-183-791-1266	
m		86.1	2845		PCT-US00-07579-18	18, Appl
	19.	86.1	σ.		-392-4	Sequence 42112, A
υ 7	0 19.	86.1	46478	28	50-261-974-49	49,
•	1 19.	86.1	ത	28	-09-702-134-1	Sequence 10389, A
•	2 19.	86.1	129271	20	S-09-534-859-78	78, Apr
4	m	84.3	2	14	S-09-057-871-186	Sequence 1861, Ap
O 4	4	84.3	ń	28	09-703-708-39	2, A
C 4		84.3	234	48	-60-164-320-395	Sequence 3952, Ap

ALIGNMENTS

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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Q
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                                                                                                                Sequence 953, Application US/09093972C,
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
FORMULATIONS & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: MULTIPLE TARGET HYBRIDIZING COMPOSITION FORMULATIONS, KITS & APPLICATIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 23; DB 14; Length 23; 100.0%; Pred. No. 52;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC Compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATEMENT Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-Une-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-Une-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 953:
US-09-093-972C-953
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 956, Application US/09509152A GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 09-Jun-1998
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: NYCE, JONATHAN W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ;
0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 TITICCTICCTITGICTCTIC 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 TTTTCCTTCCTTTGTCTCTTC 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 953:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 23 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 2419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                     STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                            CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 08512
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 23; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-509-152A-956
                                                                                            US-09-093-972C-953
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 23;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Glucksmann, M. Alexandra
TITLE OF INVENTION: Nucleic Acid Molecules Derived from a
TITLE OF INVENTION: Human Brain Library
FILE REPERENCE: 1600.1003001
CURRENT APPLICATION NUMBER: US/09/428,151A
CURRENT FILING DATE: 1999-10-27
PRIOR APPLICATION NUMBER: 60/106,057
PRIOR PILING DATE: 1998-10-28
NUMBER OF SEQ ID NOS: 11036
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
ADDRESSEE: EPIGENESIS. PHARMACEUTICALS, INC. STREET: 7 CLARKE DRIVE CITY: CRANBURY STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 20.4; DB 18;
Pred. No. 7.1e+02;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 23; DB 19; 100.0%; Pred. No. 52;
                                                                                                                                                                                                            SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,152A
FILING DATE: 17-Mar-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: EPI-00991
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE DESCRIPTION: SEQ ID NO: 956:
                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/059,160
FILING DATE: 1997-09-17
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Sequence 10442, Application US/09428151A; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                               NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                 MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 TTTTCCTTCCTTTGTCTCTTC 23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 TTTTCCTTCCTTTGTCTTC 23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 TITCCTICCTTIGICTCTTC 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: <Unknown> INFORMATION FOR SEQ ID NO: 956:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGIH: 23 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       88.7%;
95.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS
                                                                                                         ZIP: 08512
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 95.5
Matches 21; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Homo sapiens
US-09-428-151A-10442
                                                                                        COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity
Matches 23; Conservat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-428-151A-10442/C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-509-152A-956
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 10442
LENGTH: 601
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 6
PCT-US01-01324-2918
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PCT-US01-01324-2918
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER: Pater
SOFTWARE: Pater
SEQ ID NO 2918
                                                                                                                                                                                                                                                                          NAME/KEY: SITE
                                                                                                                                                                                                         NAME/KEY: SITE
                                                                                                                                              NAME/KEY: SITE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
                                           LOCATION:
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                                                                                                                                                                               TITLE OF INVENTION: Human Pancreas and Pancreatic Cancer Associated Gene Sequences an TITLE OF INVENTION: Polypeptides
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: 29 Human Cancer Associated Proteins
FILE REFERENCE: PA004ACT
CURRENT APPLICATION NUMBER: PCT/US00/23794
CURRENT FILING DATE: 2000-08-30
PRIOR APPLICATION NUMBER: 60/152,296
PRIOR FILING DATE: 1999-09-33
PRIOR PLILING DATE: 1999-10-06
NUMBER OF SEQ ID NOS: 138
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 31
LENGTH: 2116
                                                                                                                                                                                                                    TILE REFERENCE: PA105PCFULGES
CURRENT APPLICATION NUMBER: PCT/USO0/05989;
CURRENT FILING DATE: 2000-03-08
EARLIER APPLICATION NUMBER: 60/124,270
EARLIER FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 928
SOFTWARE: PATENT VET. 2.0
SOFTWARE: PATENT VET. 2.0
SEQ ID NO 261
LENGTH: 2116
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; OTHER INFORMATION: n equals a,t,g, or
PCT-USO0-05989-261
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OTHER INFORMATION: n equals a,t,g, or
                                                                                               Sequence 261, Application PC/TUS0005989 GENERAL INFORMATION:
APPLICANT: Craig Rosen,
APPLICANT: Steve Ruben
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PCT-US00-23794-31; Sequence 31, Application PC/TUS0023794; GENERAL INFORMATION:
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OTHER INFORMATION: n equals a,t,g,
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ORGANISM: Homo sapiens
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NAME/KEY: misc feature
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ORGANISM: Homo sapiens
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PCT-US00-05989-261
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TITLE DE INVENTION: NUCLEIC Acids, Proteins, and Antibodies
FILE REFERENCE: PCO02PCT
CURRENT APPLICATION NUMBER: PCT/US01/01324
CURRENT FILING DATE: 2001-01.14
Prior application data removed - refer to PALM or file wrapper
NUMBER OF SEQ ID NOS: 5116
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TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PAlliPCT
CURRENT APPLICATION NUMBER: PCT/USO1/01353
CURRENT FILING DATE: 2001-01-17
Prior application data removed - refer to file wrapper
NUMBER OF SEQ ID NOS: 763
SOFTWARE: PALLING Ver. 2.0
SEQ ID NO 447
LENGTH: 2217
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95.5%; Pred. No. 8.2e+02;
tive 0; Mismatches 1;
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Pred. No. 8.3e+02;
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SPC-1050-10153-447
Sequence 447, Application PC/TUS0101353
GENERAL INFORMATION:
LOCATION: (4)
OTHER INFORMATION: n equals a,t,g, or
NAME/KEY: SITE
                                                            LOCATION: (7)
OTHER INFORMATION: n equals a,t,g, or
                                                                                                                           LOCATION: (16)
OTHER INFORMATION: n equals a,t,g, or
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Best Local Similarity 95.5
Matches 21; Conservative
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Matches 21; Conservative
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PCT-US01-01353-447
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      Length 2217;
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TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC002PCT
CURRENT APPLICATION NUMBER: PCT/US01/01324
CURRENT FILING DATE: 2001-01-14
Prior application data removed - refer to PALM or file wrapper NUMBER OF SEQ ID NOS: 5116
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2917
LENGTH: 2219
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GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc., et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PA111PCT
CURRENT APPLICATION NUMBER: PCT/US01/01353
CURRENT FILING DATE: 2001-01-17
Prior application data removed - refer to file wrapper NUMBER OF SEQ ID NOS: 763
SOFTWARE: AcentIn Ver. 2.0
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GENERAL INFORMATION:
APPLICANT: Beasley, Ellen
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          88.7%; Score 20.4; DB 1;
95.5%; Pred. No. 8.3e+02;
live 0; Mismatches 1;
    Score 20.4; DB 1;
Pred. No. 8.3e+02;
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Pred. No. 8.3e+02;
                                        0; Mismatches
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PCT-0801-01324-2917
Sequence 2917, Application PC/TUS0101324
GENERAL INFORMATION:
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  88.7%;
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95.58;
Query Match 88.73
Best Local Similarity 95.55
Matches 21; Conservative
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Best Local Similarity 95.5
Matches 21; Conservative
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Best Local Similarity 95.5
Matches 21; Conservative
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PCT-US01-01324-2917
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; ORGANISM: Homo sapiens
PCT-US01-01353-446
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PCT-US01-01353-446
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LENGTH: 2219
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TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR TITLE OF INVENTION: PROTEINS, AND USES THEREOF FILE REFERENCE: CLOOMBER: US/60/212,655
CURRENT APPLICATION NUMBER: US/60/212,655
NUMBER OF SEQ ID NOS: 1131
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 170, Application US/60213169
GENERAL INFORMATION:
APPLICANT: BEASLEY. ELLEN
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REPRESENCE: CLO00699
CURRENT APPLICATION NUMBER: US/60/213,169
CURRENT FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 678
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TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: CLOUGOS
CURRENT APPLICATION NUMBER: US/60/213,170
CURRENT FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 678
SOFTWARE: FASLSEQ for Windows Version 4.0
SEQ ID NO 170
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Pred. No. 1.1e+03;
0; Mismatches 1;
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Pred. No. 9.3e+02;
); Mismatches 1;
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95.5%;
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Conservative
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Matches 21; Conservative
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Best Local Similarity
Thes 21; Conserve
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US-60-213-169-170/c
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US-60-213-169-170
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US-60-213-170-170
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                       0;
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   Pred. No. 1.1e+03;
0; Mismatches 1; Indels
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91.3%; Pred. No. 1.1e+03;
tive 0; Mismatches 2;
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CTHER INFORMATION: unsure at all n locations
US-09-654-617-179541
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US-09-654-617-179541/C
Sequence 179541, Application US/09654617
Sequence 179541, Application US/09654617
Sequence 179541, Application US/09654617
Sequence 170541
Novalic, David K.
PAPLICANT: Liu, Jingdong
TITLE OF INVENTION: 38-21(15097)D
CURRENT APPLICATION NUMBER: US/09/654,617
CURRENT FILING DATE: 2000-09-05
NUMBER OF SEQ ID NOS: 463173
ELNOTH: 275
                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 38-10(15493)B
CURRENT APPLICATION NUMBER: US/09/534,859
CURRENT FILING DATE: 2000-03-29
SEQ ID NO 482
LENGTH: 86854
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 15
US-09-684-016-179541/c
; Sequence 179541, Application US/09684016
; GENERAL INFORMATION:
; APPLICANT; Kovalic, David K.
                                                                                                                                                                                         Sequence 482, Application US/09534859 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Db 86183 ttttctttcctttgtctcttt 86204
                                                                           8814 TITICCTTCCTTTGTCTTTCTT 8793
                                                                                                                                                                                                                                                  APPLICANT: Last, Robert L.
APPLICANT: Levin, Irena M.
APPLICANT: Norris, Susan M.
APPLICANT: Parnell, Laurence D.
APPLICANT: Rounsley, Steven D.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    197 TTTCCTTCCTTGTCTCTGC 175
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
CRGANISM: Arabidopsis thaliana
US-09-534-859-482
95.5%;
                                                                                                                                                                                                                                Bush, David F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   88.7%;
95.5%;
                                                         1 TTTTCCTTCCTTTGTCTCTCTT
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Best Local Similarity 95.58 Matches 21; Conservative
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Best Local Similarity 95.5
Matches 21; Conservative
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Best Local Similarity
                                                                                                                                                                         US-09-534-859-482
                                                                                                                                                                                                                                APPLICANT:
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## APPLICANT: Liu, Jingdong
## TITLE OF INVENTION:
## CURRENT APPLICATION NUMBER: 05/09/684,016
## CURRENT PILING DATE: 2000-10-10
## CURRENT FILING DATE: 2000-09-05
## CURRENT FILING DATE: 463173
## CURRENT PILING DATE: 463173
## COURTH: 275
##
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11 12

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GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
```

- nucleic search, using sw model OM nucleic April 26, 2001, 00:17:43; Search time 217.85 Seconds (without alignments) 29.023 Million cell updates/sec Run on:

US-09-093-972C-953 23 Perfect score: Title:

1 TTTTCCTTCCTTTGTCTCTTC 23 Scoring table: Sequence:

IDENTITY_NUC Gapop 10.0 , Gapext 1.0

187195 seqs, 137450115 residues Searched:

hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Total number of

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database

Pending_Patents_NA_New:*

1: /cgn2_6/ptodata/2/pna/PCT_NEW_COMB.seq:*
2: /cgn2_6/ptodata/2/pna/USO6_NEW_COMB.seq:*
3: /cgn2_6/ptodata/2/pna/USO8_NEW_COMB.seq:*
5: /cgn2_6/ptodata/2/pna/USO8_NEW_COMB.seq:*
6: /cgn2_6/ptodata/2/pna/USO8_NEW_COMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Sequence 956, App Sequence 2422, Ap Sequence 2434, Ap Sequence 3403, Ap Sequence 3002, Ap Sequence 9943, Ap Sequence 642, App Sequence 12204, A Sequence 12204, A Sequence 12204, A Sequence 12204, A Sequence 162, Appli 28, Appl 4, Appli 576, App 3872, Ap 6705, Ap 3091, Ap 8938, Ap 164, App 1238, Ap 3, Appli 583, App Description Sequence Seq Sequence Seq Sequence US-09-543-679A-956 US-09-543-679A-2434 US-09-543-679A-2434 US-09-543-679A-3005 US-09-543-679A-3005 US-09-543-679A-3002 US-09-543-679A-3002 US-09-543-679A-3002 US-09-315-032-12204 US-09-315-032-12204 US-60-248-505-162 US-60-248-505-162 US-60-248-505-164 US-09-739-449-1238 US-09-739-449-1238 276-163D-8938 US-60-248-505-583 US-60-248-505-513 US-60-248-505-357 US-60-248-505-28 US-60-248-505-4 US-60-9801-833-576 US-09-801-833-7216 % Query Match Length DB 1000.0 1942 1000.0 1942 1000.0 11786 1000.0 117608 81.7 230196 81.7 2379196 81.7 2379196 81.7 2379196 81.7 2379196 81.7 237919 81.7 2379196 81.7 237919 81.7 237919 81.7 237919 81.7 237919 81.7 237919 779.1 28438 779.1 28438 779.1 28438 779.1 28438 779.1 28438 779.1 28438 779.1 28438 779.1 28438 779.1 28438 779.1 4774 777.4 4314 100.0 1199.4 1188.8 1188.8 1188.8 1188.8 1188.7 1188.7 1188.7 1198.7 1198.7 1107.8 1107.8 1107.8 Score Result Š 00000

1S-09-739-449-293 1S-60-248-505-250 1S-09-817-183-3 1S-60-248-505-298 1S-60-248-505-218 1S-60-248-505-243 1S-60-248-505-43 1S-60-248-505-43 1S-60-248-823-50 1S-60-248-823-50 1S-60-248-505-36 1S-60-248-505-36 1S-60-248-505-36 1S-60-248-505-36 1S-60-248-505-40 1S-60-248-505-40 1S-60-248-505-40 1S-09-540-212A-34661 1S-09-724-866A-24919 1S-09-724-866A-24919 1S-09-724-866A-24919 1S-09-724-866A-24919 1S-09-724-866A-24919
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117.2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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ALIGNMENTS

; STRANDEDNESS: single
; LENGTH: 23 base pairs ; TYPE: uotleic acid
; SEQUENCE CHARACTERISTICS: ; LENGTH: 23 base pairs ; TYPE: uncleic acid
INFORMATION FOR SEQ ID NO: 956: SEQUENCE CHARACTERISTICS: LENGTH: 23 base pairs TYPE: nucleic acid
TELEFAX: 413-254-9245 TELEX: <unknown> INFORMATION FOR SEQ ID NO: 956: SEQUENCE CHARACTERISTICS: LENGTH: 23 base pairs TYPE: noucleic acid</unknown>
TELEPHONE: 609-409-3035 TELEFAX: 413-254-9245 TELEX: CURKNOWN> INFORMATION FOR SEQ ID NO: 956: SEQUENCE CHARACTERISTICS: LENGTH: 23 base pairs TYPE: NOTE: COLORISED COLOR
ORMATION: 09-3035 -9245 956: ICS: oairs
NUMB DRMAT 39-30 -9245 956: 956: pairs
SER: 30,9 NUMBER: DRMATION: 09-3035 -9245 956: ICS: cairs
lana 3ER: 30,9 NUMBER: DRMATION: 09-3035 -9245 1CS: CCS:
ATION: lana lana ser: 30,9 SUMATION: 09-3035 -9245 ICS: call
3-08-03 4710N: 4ana 3ER: 30,9 NUMBER: NUMBER: 09-305 -9245 956: CCS: pairs
28: 60/12 3-08-03 4010N: 1400 3ER: 30,9 NUMBER: NUMBER: 09-3035 -9245 -956: 1CS:
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Apr-2000 Apr
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WTR: 2R: US/09 4pr-2000 NNKNOWN 3R: 60/12 4-08-03 4-08-03 4-10N: NUMBER: 30,9 NUMBER: 99,45 92,45 92,45 91 CCS: Park All All All All All All All All All Al
ATA: SR: US/09 SPT-2000 JUKNOWN ST: 60/12 SR: 60/1
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mpatible Dos TATA:
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4: Apartible Dos ATA: Dos ATA: BR: US/09 APA: BR: 06/12 BR: 60/12 BR: 60/12 BR: 09/13 BR: 30/9
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MESLS PHAKMACEUTICALS, A; A; Apatible Dos BR US/09/543,679A A: BR US/08/544 BS US/08/545 BS US/
55:515 PHA Drive Drive 1: Dos MTA: ER: US/09 Apr. 2000 JIKKNOWN ATTON: ATTON: 18 no. 19 no. 19 no. 19 no. 19 no. 10 no. 1
11111 1111 WESIS PHARMACEUTICALS, Drive Prive AR: AR: 1005 AR: 1005 AR: 1009/543,679A AP: 1008 AR: 1009/543,679A AP: 1008 AR: 1009/543,679A AP: 1008 AP: 1008 AP: 1009/543,679A AP: 1008 AP: 10
A: S. SONCHOCONSTRICTION, 2111 S: SESIS PHARMACEUTICAL Drive Drive WTA: SR: US/09/543,679A WTA: SR: 60/127,958 WER: 60/127,958 WER: 60/127,958 WHICHOWN WINNOWN WER: 60/127,958 WHICHORY WINNOWN WINNER: EPI-006719 PRATION: SPEE: 30,930 NUMBER: EPI-006719 PRATION: SPEE: 30,930 NUMBER: EPI-006719 PRATION: SPEE: 30,930 NUMBER: EPI-006719 PRATION: SPEE: 30,930 RECT: SPEE: 30,930 PRATION: SPEE: 30,930 RECT: SPEE: 30,930 RECT: SPEE: 30,930 PRATION: SPEE: 30,930 PRATION: SPEE: 30,930 PRATION: SPEE: 30,930 RECT: SPEE: 30,930 PRATION: SPEE: 30,930 PRATICION: SPEE: 30,930
ATTRIANY DISORDERS ASSOCIATED SONCHOCONSTRICTION, LUNG INFLATILL ST. INC. DITUS PRAILIDLE POS PRAILIDLE POS PRAILIDLE POS PRAILIDLE POS PRAILIDLE POS PRAILION: ATTON: ATTON: ATTON: NUMBER: EPI-0067191b NUMBER: EPI-0067191b NUMBER: EPI-0067191b STRANTION: POS POS POS POS POS POS POS PO
MPROSITIONS, KIT & 1 A TRWAY DISORDERS, SONCHOCONSTRICTION, 1111 SESIES PHARMACEUTICAL Drive Dos 1118 TYPA: DOS 1118 PARTICLA DOS 1118 PARTICLA DOS 1118 PARTICLA DOS 1118 PARTICLA DOS 1118 PARTICLA DOS 1118 A TO
WADENOSINE ANTI-SENSE OLIGON DMOSITIONS, KIT & METHOD FOR A AIRWAY DISORDERS ASSOCIATED SONCHOCONSTRICTION, LUNG INFLA \$1111 SI WESIS PHARMACEUTICALS, INC. Drive ATA: TDOS WTA: TOS WATA: TR: US/09/543,679A WATA: TR: US/09/
When W. When W. Whostrions, ADENOSINE WHOSTRIONS, ADENAY DISO CONCHOCONSTRI NII NII NII NII NII NII NII NII NII N
ion: Low Additions of Alexandra w. Compositions, of Alexandra w. Compositions, of Alexandra w. BENONCHOCONSTRI REDIGENES: 3111 REDIGENES: SA LE FORM: E: CD-R LE FORM: E: CD-R LE FORM: E: CD-R N/A LE FORM: E: L3-Apr-2000 N/A N WIMBER: US/09/543 E: 13-Apr-2000 N WIMBER: 60/127,95 E: 13-Apr-2000 N WIMBER: 60/127,95 E: 1998-08-03 IN NUMBER: 60/127,95 E: 1998-08-03 IN NUMBER: 80/30 NN NUMBER: EPI-0N NN UMBER: B1-0N NN UMBR
plication US/09543679A ATTON: INVEX. JOATHAN W. INVEX. JOATHAN W. INVEX. JOATHAN W. INVEX. JOATHAN JOE COMPOSITIONS, OF AIRWAY DISO BRONCHOCONSTRI SEQUENCES: 3111 DENCE ADDRESS: ESSEE: BRIGENESIS PHARMAC ET: 7 Clarke Drive ET: 7 Clarke Drive ET: 7 Clarke Drive ET: 7 Clarke Drive ET: 8 Clarke Drive ET: 9 Clarke Drive ET: 10 C
543-679A-956 ence 956, Application US/09543679A NERAL INFORMATION: APPLICANT: NYCE, Jonathan W. TITLE OF INVENTION: LOW ADENOSITIONS, OF AIRWAY DISON BRONCHOCONSTRI CORRESPONDENCE ADDRESS: ADDRESSE: EPIGENESIS PHARMAC STREET: A CLarke Drive CITY: Cranbury STATE: NJ COUNTRY: USA ZIP: 08512 COMPUTER: READABLE FORM: MEDIUM TYPE: CD-R COMPUTER READABLE FORM: MEDIUM TYPE: CD-R COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: N/A CURREY APPLICATION DATA: APPLICATION NUMBER: US/09/543 FILING DATE: 13-Apr-2000 CLASSIPICATION: UNKNOWN PRIOR APPLICATION NUMBER: 60/127,95 FILING DATE: 1998-08-03 ATTORNEY AGENT INFORMATION: NAME: AMZEL, VIVIANA REGISTRATION NUMBER: 30,930 REFERENCE/OCKET NUMBER: 201-245 TELLEPHONE: 609-409-3035 TELLEPHONE: 609-409-3035 TELLEFAX: 413-254-9245 TELLEFAX: «Unknown) TELEBERNCE/OCKET NUMBER: SEQUENCE CHARACTERISTICS: LENGTH: 32 base pairs TYPELE INCIPIC COLL
plication US/09543679A ATTON: INVEX. Jonathan W. COMPOSITIONS, OF AIRMAY DISO BRONCHOCONSTRI SEQUENCES: 311 DENCE ADDRESS: ESSEE: EPIGENESIS PHARMAC ESSEE: EPIGENESIS PHARMAC ET: 7 Clarke Drive ET: 7 Clarke Drive CATANIN USA 08512 WHYPE: CD-R 1CATION NUMBER: US/09/543 MG DATE: 13-Apr-2000 SIFICATION DATA: ICATION NUMBER: 60/127,95 MG DATE: 13-Apr-2000 SIFICATION NUMBER: 30,930 FRONCE/DOCKET NUMBER: 30,930 FRANCE/DOCKET NUMBER: 23 base pairs IN CATION INFORMATION: PHONE: 609-409-3055 CHARACTERISTICS: TH: 23 base pairs IN DATE: 13-BASE pairs

Gaps ; 0 Query Match
100.0%; Score 23; DB 5; Length 23;
Best Local Similarity 100.0%; Pred. No. 1.5;
Matches 23; Conservative 0; Mismatches 0; Indels

us-09-093-972c-953.rnpn

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RESULT
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                                                                                                                                                                                                           TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLECTIDE, COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF ATRAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                  BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOCTWARE: N/A
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILLING DATE: 13-APT-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILLING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; SEQUENCE DESCRIPTION: SEQ ID NO: 2422: US-09-543-679A-2422
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mismatches
                                                                                                                         5-09-543-679A-2422/c
Sequence 2422, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5-09-543-679A-2434/c
Sequence 2434, Application US/09543679A
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 1942 base pairs
1 TTTTCCTTCCTTTGTCTCTTC 23
                      TTTTCCTTCCTTTGTCTCTTC 23
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                                                                                                                                                                                                                                                                                                        3111
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STRANDEDNESS: single
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: CD-R
                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
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Best Local Similarity 100.
Matches 23; Conservative
                                                                                                                                                                                                                                                                                                      SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                      CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 08512
                                                                                                                                                                                                                                                                                                                                                                                                            STATE: NJ
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TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE, COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               .
0
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REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE DESCRIPTION: SEQ ID NO: 2434:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/127,958 FILING DATE: 1998-08-03 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 2423, Application US/09543679A; GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
                                                                                                                                                                            COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 1942 base pairs
                STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              67 TITTCCTTCCTTTGTCTCTTCT 45
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STRANDEDNESS: single
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                                                                                                        ZIP: 08512
COMPUTER READABLE FORM:
MEDIUM TYPE: CD-R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
ZIP: 08512
COMPUTER READABLE FORM:
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Best Local Similarity 100.
Matches 23; Conservative
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                                                                                                                                                                                                                        SOFTWARE: N/A
                                                                                        COUNTRY: USA
                                                              STATE: NJ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                               NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/543,679A FILING DATE: 13-Apr-2000 CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 3005: US-09-543-679A-3005
                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 2423:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/127,958 FILING DATE: 1998-08-03 ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                             TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2423:
SEQUENCE CHARACTERISTICS:
LENGTH: 5962 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: 609-409-3035
FILING DATE: 1998-08-03
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                          ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
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COMPUTER READABLE FORM:
MEDIUM TYPE: CD-R
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Best Local Similarity 100.
Matches 23; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
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Gaps
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                                                                                                                                                                                                                                Sequence 3002, Application US/09543679A
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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100.0%; Score 23; DB 5; Length 11786; 100.0%; Pred. No. 2.4;
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                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC
STREET: 7 Clarke Drive
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                             Mismatches
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REGISTRATION NUMBER: 30,930
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: N/A
                                                                                                                            9911 TTTTCCTTCCTTTGTCTCTTC 9889
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                                                                                      1 TITICCTICCTITGECTCTTC 23
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                                                                                                                                                                                                                                                                                                                                                                                                 3111
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MEDIUM TYPE: CD-R
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            23; Conservative
                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Cranbury STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 08512
                  Best_Local Similarity
Matches 23; Conserv
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US-09-543-679A-3002/c
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    Query Match
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FILE REFERENCE: PO14
CURRENT APPLICATION NUMBER: US/08/276,163D
CURRENT FILING DATE: 1994-07-15
NUMBER OF SEQ ID NOS: 15314
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 9943
LENGTH: 508 OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (139)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature LOCATION: (151) OTHER INFORMATION: n equals a,t,g, or c NAME/KEY: misc feature LOCATION: (223)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (296) OTHER INFORMATION: n equals a,t,g, or c OTHER INFORMATION: n equals a,t,g, or c NAME/KEY: misc feature NAME/KEY: misc feature LOCATION: (487) OTHER INFORMATION: n equals a,t,g, or c OTHER INFORMATION: n equals a, t, g, or c OTHER INFORMATION: n equals a, t, g, or c LOCATION: (391) OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature LOCATION: (401) OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature LOCATION: (415) OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature LOCATION: (445) OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature LOCATION: (473) OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature LOCATION: (384)
OTHER INFORMATION: n equals a,t,g, or OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature LOCATION: (427) OTHER INFORMATION: n equals a,t,g, or OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature LOCATION: (433) ORGANISM: Homo sapiens NAME/KEY: misc feature LOCATION: (39) NAME/KEY: misc feature LOCATION: (374) NAME/KEY: misc feature NAME/KEY: misc feature NAME/KEY: misc feature LOCATION: (482) LOCATION:

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GENERAL INFORMATION:
APPLICANT: Beasley, Ellen
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: PRCTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
FILE REFERENCE: c1000918
CURRENT APPLICATION NUMBER: US/60/248,505
CURRENT FILING DATE: 2000-11-15
NUMBER OF SEQ ID NOS: 1998
SEQ ID NO 642.
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Pred. No. 39;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 81.7%; Score 18.8; D
90.9%; Pred. No. 91;
Live 0; Mismatches
                                 OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (490)
                                                                                                                                                   OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (493)
                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc feature

) LOCATION: (507)

S. OTHER INFORMATION: n equals a,t,g, or c

US-08-276-163D-9943
                                                                                         OTHER INFORMATION: n equals a, t, g, or c
                                                                                                                                                                                                                                                               OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature LOCATION: (506)
OTHER INFORMATION: n equals a,t,g, or
                                                                                                                                                                                                               or
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                                                                                                                                                                                                           OTHER INFORMATION: n equals a, t, g, NAME/KEY: misc feature
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LOCATION: (1)...(64666)
OTHER INFORMATION: n = A,T,C or G
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90.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Velculescu, Victor
APPLICANT: Vogelstein, Bert
APPLICANT: Kinzler, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 81.7
Best Local Similarity 90.9
Matches 20; Conservative
NAME/KEY: misc feature
                                                                                                               NAME/KEY: misc feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
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US-60-248-505-642/c
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ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-335-032-12204
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                                                                                                                                 LOCATION:
                                                                                                                                                                                                                                                   LOCATION:
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OTHER INFORMATION: 99-79336-369 : polymorphic base A or G
      NUMBER OF SEQ ID NOS:
SOFTWARE: Patent.pm
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LOCATION: 51090
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                                             SEQ ID NO 2
LENGTH: 237961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: exon
                                                                                                                                                                                                                                                                                                                                                       exon
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GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
APPLICANT: Simon, Anne-Marie
APPLICANT: Simon, Anne-Marie
APPLICANT: Stopen Schizophrenia Related Voltage-Gated Ion Channel Gene and Protein
FILE REFERENCE: 93.USI.PRO
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                                                                                                                                                                                                                                                                                                                                                                                                                                          2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Vogelstein, Bert
APPLICANT: Vogelstein, Bert
TITLE OF INVENTION: Characterization of the Yeast
TITLE OF INVENTION: Transcriptome
FILE REFERENCE: 01107.78572
CURRENT APPLICATION NUMBER: US/09/335,032
CURRENT PILING DATE: 1999-06-16
PRIOR PILING DATE: 1997-01-23
PRIOR FILING DATE: 1997-01-23
NUMBER OF SEQ ID NOS: 12219
SOFTWARE: FastSEQ for Windows Version 4.0
TITLE OF INVENTION: Characterization of the Yeast
TITLE OF INVENTION: Transcriptome
FILE REPERENCE: 0110 778572
CURRENT APPLICATION NUMBER: US/09/335,032
CURRENT FILING DATE: 1999-06-16
PRIOR APPLICATION NUMBER: US 60/035,917
PRIOR PILING DATE: 1999-01-23
PRIOR FILING DATE: 1990-01-22
NUMBER OF SED ID NOS: 12219
SEQ ID NO 12204
SEQ ID NO 12204
LENGTH: 230196
                                                                                                                                                                                                                                                                                                                                                                                                  DB 5;
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90.9%; Pred. No. 96;
Live 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
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Pred. No. 96;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 12204, Application US/09335032 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Db 217476 ttttccttccttttctttctt 217497
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    : TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae
US-09-335-032-12204
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                                                                                                                                                                                                                                                                                        ; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae
US-09-335-032-12204
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90.9%;
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Matches 20; Conservative
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Best Local Similarity 90.99
Matches 20; Conservative
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LENGTH: 230196
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OTHER INFORMATION: 99-79335-60 : polymorphic base C
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NAME/KEY: exon
LOCATION: 235355..235459
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LOCATION: 211540..211613
OTHER INFORMATION: exon 18
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LOCATION: 225544..225613
OTHER INFORMATION: exon 20
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NAME/KEY: exon
LOCATION: 231289..231345
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LOCATION: 231813..231944
OTHER INFORMATION: exon 25
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OTHER INFORMATION: exon 16
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LOCATION: 228450..228541
OTHER INFORMATION: exon 21
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OTHER INFORMATION: exon 11
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                                                                                                                           NAME/KEY: exon
LOCATION: 43998..44102
OTHER INFORMATION: exon 9
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                                                            NAME/KEY: exon
LOCATION: 43726..43868
OTHER INFORMATION: exon 8
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LOCATION: 225006..225107
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LOCATION: 231589..231709
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LOCATION: 232900..233067
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LOCATION: 159794..159868
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LOCATION: 228630..228752
TYPE: DNA
ORGANISM: Homo sapiens
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LOCATION: 52093..52179
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GENERAL INFORMATION:
APPLICANT: Beasley. Ellon
TITLE OF INVENTION:
TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REPERRUCE: c1000918
CURRENT APPLICATION NUMBER: US/60/248,505
CURRENT FILING DATE: 2000-11-15
NUMBER OF SEQ ID NOS: 1998
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 162
LENGTH: 370158
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                                           NAME/KEY: priner_bind
LOCATION: 61274..61292
OTHER INFORMATION: 99-79336-369.mis
NAME/KEY: priner_bind
LOCATION: 61294..61312
OTHER INFORMATION: 99-79336-369.mis
NAME/KEY: priner_bind
LOCATION: 61294..61312
OTHER INFORMATION: 99-79338-332.mis
NAME/KEY: priner_bind
LOCATION: 80683..80601
OTHER INFORMATION: 99-79338-332.mis
NAME/KEY: priner_bind
LOCATION: 100466..100484
OTHER INFORMATION: 99-79314-201.mis
NAME/KEY: priner_bind
LOCATION: 100466..100504
OTHER INFORMATION: 99-79314-201.mis
NAME/KEY: priner_bind
LOCATION: 100486..100504
OTHER INFORMATION: 99-79314-201.mis
NAME/KEY: priner_bind
LOCATION: 100486..100504
OTHER INFORMATION: 99-79314-201.mis complement
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LOCATION: 106706...106724
OTHER INFORMATION: 99-79316-158.mis
NAME/KEY: primer_bind
NAME/KEY: primer_bind
OTHER 106726...106744
OTHER INFORMATION: 99-79316-158.mis complement
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: primer_bind
LOCATION: 166068..166086
OTHER INFORMATION: 99-79322-224.mis
LOCATION: 166088..166106
OTHER INFORMATION: 99-79322-224.mis complement
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: primer_bind
LOCATION: 100510..100528
OTHER INFORMATION: 99-79314-225.mis complement
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OTHER INFORMATION: 99-79322-473.mis complement
LOCATION: 51091.,51109
OTHER INFORMATION: 99-79335-60.mis complement
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LOCATION: 100490..100508
OTHER INFORMATION: 99-79314-225.mis
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LOCATION: 166317.166335
OTHER INFORMATION: 99-79322-473.mis
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LOCATION: 106706..1067
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LOCATION: 166337.166
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ORGANISM: human
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US-60-248-505-162
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NAME/KEY: misc_feature

us-09-093-972c-953.rnpn

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Search completed: April 26, 2001, 17:25:07
Job time: 61644 sec
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        Db 83021 ttccttcctctgtctctct 83040
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                                                                                                          US-09-739-449-1238
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GENERAL INFORMATION:
APPLICANT: Beasley, Ellen
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: cl00918
CURRENT APPLICATION NUMBER: US/60/248,505
CURRENT APPLICATION NUMBER: US/60/11-15
NUMBER OF SEQ ID NOS: 1998
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                             DB 6; Length 370158;
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                                                                                                                                                     2; Indels
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                                                                                                                                                                                                                                                                                                                                       Sequence 12211, Application US/09335032
GENERAL INFORMATION:
APPLICANT: Volculescu, victor
APPLICANT: Volculescu, victor
APPLICANT: Volculescu, victor
APPLICANT: Volculescu, victor
APPLICANT: Kinzler, Renneth
TITLE OF INVENTION: Characterization of the Yeast
TITLE OF INVENTION: Characterization of the Yeast
TITLE OF INVENTION: Transcriptome
FILE REFERENCE: 01107.78572
CURRENT APPLICATION NUMBER: US/09/335,032
CURRENT FILING DATE: 1999-06-16
PRIOR FILING DATE: 1999-06-16
PRIOR FILING DATE: 1998-01-22
NUMBER OF SEQ ID NOS: 12219
SOFTWARE: PASSING FOR WINGOWS VERSION 4.0
SEQ ID NO 12211
LENGTH: 562638
                                                                                                        Score 18.8; DB
Pred. No. 97;
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae
US-09-335-032-12211
; LOCATION: (1)...(370158)
; OTHER INFORMATION: n = A,T,C or G
US-60-248-505-162
                                                                                                                                                                                             1 TTTTCCTTCCTTTGTCTCTT 22
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                                                                                                      81.78;
90.98;
                                                                                                      Query Match
Best Local Similarity 90.9
Matches 20; Conservative
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Best Local Similarity 90.9
Matches 20; Conservative
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Best Local Similarity 95.0
Matches 19; Conservative
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US-09-335-032-12211
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ORGANISM: human
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LENGTH: 91051
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3 TICCTICCTITGICICIT 22

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Sequence 1238, Application US/09739449
GENERAL INFORMATION:
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Slater, Steven C.
APPLICANT: Stater, Steven C.
APPLICANT: Slater, Sla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0;
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79.1%; Score 18.2; DB 5; Length 679;
Best Local Similarity 87.0%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels
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COTHER INFORMATION: unsure at all n locations
US-09-739-449-1238
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Gaps

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(without alignments)
6.602 Million cell updates/sec
                                          ; Search time 11829.6 Seconds
                                                                                                                                      26337766
                                                                                                                                                                                                      GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
                                                                                                                        13168883 seqs, 2603265903 residues
                                                                                                                                      hits satisfying chosen parameters:
                                                                                                                                                                         Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                            - nucleic search, using sw model
                                                                                                                                                                                                        Pending_Patents_NA_Main:*
                                          April 26, 2001, 15:31:43
                                                                                                  IDENTITY_NUC Gapop 10.0 , Gapext 1.0
                                                                                    1 GCTCCCGGCTGCCTG 15
                                                                    US-09-093-972C-954
15
                                                                                                                                                     seq length: 0 seq length: 2000000000
                                                                                                                                                                                                                                                                                      Total number of
                                                                             Perfect score:
                                                                                                   Scoring table:
                                                                                                                                                    Minimum DB s
Maximum DB s
                            OM nucleic
                                                                                     Sedneuce:
                                                                                                                        Searched:
                                                                                                                                                                                                      Database
                                          Run on:
                                                                       Title:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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Sequence 5.355 Appli
Sequence 172. App
Sequence 1791 App
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Sequence 2139, App
Sequence 213, App
Sequence 513, App
Sequence 565, App
Sequence 565, App
Sequence 565, App
Sequence 566, App
Sequence 567, App
Sequence 567, App
Sequence 5678, App
Sequence 5877, App
Sequence 4977, App
Sequence 5873, App
Sequence 5720, App
Sequence 5140, App
Sequence 1811, App
Sequence 1811, App
                                            Sequence 954, App
Sequence 957, App
Sequence 6648, Ap
Sequence 9571, Ap
Sequence 8479, Ap
Sequence 2964, Ap
Sequence 137344,
                                                                                                             Sequence 1, Appli
                             Description
                                                                                                                                    US-60-172-373-2355
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US-60-245-225-172
US-09-501-691-791
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US-09-628-859-1499
US-09-1017-592-523
US-09-312-209-565
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US-08-196-363-4977
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US-09-500-133-6648
US-09-287-618-9571
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US-60-09-303-031A-8967
                                                                                                            US-08-179-575-1
US-60-245-225-642
US-08-179-575-5
SUMMARIES
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                            DB
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2897
2900
2919
80507
                 Query
Match Length
                                                               Score
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                   Result
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ALIGNMENTS

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                                                                      TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION & TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: MULTIPLE TARGET HYBRIDIZING COMPOSITION FORMULATIONS, KITS & APPLICATIONS NUMBER OF SEQUENCES: 2419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 15; DB 14; Length 15; 100.0%; Pred. No. 2.4e+03; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                    ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
ATTORNEY/ABORT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) SQUENCE DESCRIPTION: SEQ ID NO: 954: US-09-093-972C-954
Sequence 954, Application US/09093972C GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 957, Application US/09509152A GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                          ZIP: 08512
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                 APPLICANT: Nyce, Jonathan W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGIH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 954:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
                                                                                                                                                     NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                      CITY: Cranbury
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEX: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 100.
Best Local Similarity 100.
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                           COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-509-152A-957
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                            ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 CLARKE DRIVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Seilhamer, Jeffrey J.
APPLICANT: Delegeane, Angelo M.
APPLICANT: Stuart, Susan G.
APPLICANT: Stue, Laura L.
APPLICANT: Mullahy, Sara J.
APPLICANT: Mughton, Rebecca E.
FILE OF INVENTION: POLYNUCLEOTIDES OF SKIN TISSUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 15; DB 19; 100.0%; Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,152A
FILING DATE: 17-Mar-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/059,160
FILING DATE: 1997-09-17
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: EPI-00991
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mismatches
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CURRENT APPLICATION NUMBER: US/09/540,733
CURRENT APPLICATION NUMBER: US/09/540,733
CURRENT FILING DATE: 2000-03-31
PRIOR PELICATION NUMBER: 08/731,034
PRIOR FILING DATE: October 2, 1995
PRIOR PELICATION NUMBER: 08/962,919
PRIOR FILING DATE: October 2, 1995
PRIOR FILING DATE: October 2, 1997
PRIOR PELICATION NUMBER: 60/029,306
PRIOR FILING DATE: October 25, 1996
PRIOR FILING DATE: October 25, 1996
PRIOR FILING DATE: October 25, 1996
PRIOR FILING DATE: January 21, 1997
PRIOR APPLICATION NUMBER: 60/06,403
PRIOR FILING DATE: January 21, 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE DESCRIPTION: SEQ ID NO: 957: US-09-509-152A-957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 6648, Application US/09540733; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          January 21, 1000 Januar
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60/012,243
                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                     CITY: CRANBURY
STATE: NJ
COUNTRY: USA
ZIP: 08512
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS
CORRESPONDENCE ADDRESS:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 GCTCCCGGCTGCCTG 15
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Best Local Similarity
Matches 15; Conserv
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PRIOR
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TYPE: DNA
ORGANISM: Homo sapiens
US-09-528-409-8479
      LENGTH: 430
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                                                                                                                                                                                                                                                                                                                                                                                   Length 266;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 9571, Application US/09287618
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION:
FILE REFERENCE: 20411.768
CURRENT PILING DATE: 1999-04-02
CURRENT PILING DATE: 1999-04-02
NUMBER OF SEQ ID NOS: 35865
SOFTWARE: FastSEQ for Windows Version 3.0
LENGTH: 405
                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained TITLE OF INVENTION: From Various Libraries
                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 15; DB 21; 100.0%; Pred. No. 2.3e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
                                                                                                                                                                                                                                                                  ; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No: hu01141941
US-09-540-733-6648
                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/528,409
CURRENT FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: 60/125,453
PRIOR FILING DATE: 1999-03-19
; PRIOR FILING DATE: February 26, 1996
; PRIOR APPLICATION NUMBER: 08/941,884
; PRIOR FILING DATE: September 30, 1997
; PRIOR APPLICATION NUMBER: 60/026,759
; PRIOR FILING DATE: October 3, 1996
; NUMBER OF SEQ ID NOS: 7282
; SOFTWARE: PERL PROGram
; SEQ ID NO 6648
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 8479, Application US/09528409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Hy-patent.pl Version 3.1 SEQ ID NO 8479
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Labat, Ivan
APPLICANT: Stache-Crain, Birgit
APPLICANT: Dickson, Mark
APPLICANT: Jones, Lee W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Drmanac, Radoje T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 116231
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Matches 15; Conservative
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Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    169 GCTCCCGGCTGCCTG 155
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CORGANISM: Homo sapiens
US-09-287-618-9571
                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: 774
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US-09-287-618-9571/c
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APPLICANT: Seilhamer, Angelo M.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuart, Lura L.
APPLICANT: Mullahy, Sara J.
APPLICANT: Mullahy, Sara J.
TITLE OF INVENTION: POLYNUCLEOTIDES OF NERVOUS SYSTEM AND SENSORY ORGANS FILE REFERENCE: PD-1033 CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature; OTHER INFORMATION: Incyte ID No: CpG_991027_B15_masked_fa.Contig22846
US-60-180-489-2964
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NUMBER OF SEQ ID NOS: 193582
SOFTWARE: PERL Program
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 15; DB 50; Length 468; 100.0%; Pred. No. 2.3e+03;
  Length 430;
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100.0%; Score 15; DB 19;
100.0%; Pred. No. 2.3e+03;
ive 0; Mismatches 0;
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; OTHER INFORMATION: Incyte ID No: hu00979883
US-09-540-229-137344
                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/60/180,489
CURRENT FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 9,814
SEQ ID NO 2664
LENGTH: 468
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                                                                                                                                                                                                                                                Sequence 2964, Application US/60180489
GENERAL INFORMATION:
APPLICANT: Curtis, Anne
APPLICANT: Lagace, Robert E.
APPLICANT: Klingler, Tod M.
APPLICANT: Stuve, Laura L.
TITLE OF INVENTION: HUMAN CPG ISLANDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-540-229-137344/c
; Sequence 137344, Application US/09540229
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 100.

Best Local Similarity 100.

Matches 15; Conservative
Query Match 100.
Best Local Similarity 100.
Matches 15; Conservative
                                                                                                                   161 GCTCCCGGCTGCCTG 147
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                                                                                           1 GCTCCCGGCTGCCTG 15
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ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
                                                                                                                                                                                                                                 US-60-180-489-2964/c
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LENGTH: 513
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                                        Gaps
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     Length 513;
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APPLICANT: Stiles, Gary L.
APPLICANT: Ren, Hongzu
APPLICANT: Ren, Hongzu
APPLICANT: Ren, Hongzu
APPLICANT: Olah, Mark E.
TITLE OF INVENTION: Receptor
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kenneth D. Sibley
STREET: Post Office Drawer 34009
CITY: Charlotte
STATE: North Carolina
COUNTRY: USA
                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/179,575
 100.0%; Score 15; DB 21;
100.0%; Pred. No. 2.3e+03;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5405-64B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-881-3140
TELEFAX: 919-881-3175
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                    RESULT 8
US-08-179-575-1/c
Sequence 1, Application US/08179575
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
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CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Sibley, Kenneth D. REGISTRATION NUMBER: 31,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 1513 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                     15; Conservative
                                                                                    429 GCTCCCGGCTGCCTG 415
                                                                   1 GCTCCCGGCTGCCTG 15
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526..679
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1..71
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Query Match
Best Local Similarity
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LOCATION:
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FEATURE:
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                                 Matches
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US-60-245-542

Sequence 642, Application US/6024525

Sequence 642, Application US/6024525

GENERAL INFORMATION:
TATULE OF INVENTION: RECEPTORS, UNCLEIC ACID MOLECULES ENCODING HUMAN GPCR TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR TITLE OF INVENTION: PROTEINS, AND USES THEREOF FILE REFERENCE: CL000885

CURRENT APPLICATION NUMBER: US/60/245,225

CURRENT FILING DATE: 2000-11-03

NUMBER OF SEQ ID NOS: 705

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 642

LENGTH: 2897
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                                                                                            Length 1513;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 VE-08-179-575-5/c
Sequence 5, Application US/08179575
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Ren, Hongzu
APPLICANT: Olah, Mark E.
TILLE OF INVENTION: DNA Encoding the Human Al Adenosine
TILLE OF INVENTION: Receptor
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
                                                                                                                                    0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: STEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/179,575
                                                                                       100.0%; Score 15; DB 5; I 100.0%; Pred. No. 2.2e+03;
                                                                                                                                      Mismatches
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STREET: Post Office Drawer 34009
CITY: Charlotte
STATE: North Carolina
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REFERENCE/DOCKET NUMBER: 540
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                              Query Match
Best Local Similarity 100.
Matches 15; Conservative
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Best Local Similarity 100.
Matches 15; Conservative
                                                                                                                                                                                                         148 GCTCCCGCTGCTG 134
; LOCATION: 1088..1426
US-08-179-575-1
                                                                                                                                                                               1 GCTCCCGGCTGCCTG 15
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ORGANISM: Human
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Sequence 9, Application US/09507691

Sequence 9, Application US/09507691

Sequence 9, Application US/09507691

Sequence 9, Application US/09507691

APPLICANT: ISHIKAWA, Tetsuya

APPLICANT: KITAJIMA, Takashi

TITLE OF INVENTION: COLLAGEN-BINDING PHYSIOLOGICALLY ACTIVE POLYPEPTIDE

FILE REFERENCE: 029650-087

CURRENT APPLICATION NUMBER: US/09/507,691

CURRENT FILING DATE: 1999-02-19

PRIOR FILING DATE: 1999-02-19

PRIOR FILING DATE: 1999-11-01

NUMBER OF SEQ ID NOS: 16

SOFTWARE: PATENTIN VOIS: 16

SOFTWARE: PATENTIN VOIS: 16
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                                                                                                                                                                                                                                                                                                                       Length 80507;
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APPLICANT: Gearing,
APPLICANT: Gearing,
APPLICANT: Villeval, Jean-Luc
TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
TITLE OF INVENTION: THEREFOR
TITLE OF INVENTION: THEREFOR
TITLE OF INVENTION NUMBER: US/09/721,589
CURRENT APPLICATION NUMBER: 00/11-22
PRIOR APPLICATION NUMBER: 60/167,380
PRIOR FILING DATE: 1999-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
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100.0%; Pred. No. 7.2e+03;
Live 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                           100.0%; Score 15; DB 56; 100.0%; Pred. No. 2.1e+03;
                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                            NAME/KEY: misc_feature
LCCATION: (1)...(80507)
CTHER INFORMATION: n = A,T,C or G
US-60-245-225-172
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Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                  Query Match 100.
Best Local Similarity 100.
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 GCTCCCGGCTGCCTG 15
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                               TYPE: DNA
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 13
US-09-507-691-9/c
LENGTH: 80507
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LENGTH: 101
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          g
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Sequence 2355, Application US/60172373

Sequence 2355, Application US/60172373

GENERAL INFORMATION:
APPLICANT: Morris, MacDonald
APPLICANT: Lal, Preeti
APPLICANT: Diep, Dinh
APPLICANT: Diep, Diep, Dinh
APPLICANT: Diep, Dinh
APPLICANT: Diep, Diep, Diep, Dinh
APPLICANT: Diep, Di
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GENERAL INFORMATION:
APPLICAMT: Beasley, Ellen
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
FILLE REPERRENCE: CL000885
CURRENT APPLICATION NUMBER: US/60/245,225
CURRENT FILING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 705
SOFTWARE: FastsEQ for Windows Version 4.0
SEQ ID NO 172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 15; DB 5; Length 2900; 100.0%; Pred. No. 2.2e+03; ive 0; Mismatches 0; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature; OTHER INFORMATION: Incyte ID No: 474816.2 US-60-172-373-2355
                        TELERAX: 575102
TELEX: 575102
INPORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTENISTICS:
LENGTH: 2900 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO
          919-881-3140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 100.
Best Local Similarity 100.
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                176 GCTCCCGGCTGCCTG 162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 GCTCCCGCTGCTG 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                          411..1391
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                              linear
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US-60-245-225-172/c
             TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                       ; NAME/KEY:
; LOCATION:
US-08-179-575-5
                                                                                                                                                                                                                                                                                                                                                                               FEATURE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Rosen, et. al.
TITLE OF INVENTION: Human Genes, Sequences, and Expression Products FILE REFERENCE: PO52
CURRENT APPLICATION NUMBER: US/09/628,859
CURRENT FILING DATE: 2000-07-27
NUMBER OF SEQ ID NOS: 6377
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1499
LENGTH: 112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ó.
                                                                                                                                                             Query Match 93.3%; Score 14; DB 29; Length 101; Best Local Similarity 100.0%; Pred. No. 7.1e+03; Matches 14; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 93.3%; Score 14; DB 24; Length 112; Best Local Similarity 100.0\%; Pred. No. 7.1e+03; Matches 14; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc feature
LOCATION: (104)
O'THER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (105)
O'THER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (110)
O'THER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (111)
O'THER INFORMATION: n equals a,t,g, or c
LOCATION: (111)
O'THER INFORMATION: n equals a,t,g, or c
LOCATION: (112)
COTHER INFORMATION: n equals a,t,g, or c
USCATION: (112)
COTHER INFORMATION: n equals a,t,g, or c
USCATION: (112)
                                                                                                                                                                                                                                                                                                                                                                                            US-09-628-859-1499/c; Sequence 1499, Application US/09628859; GENERAL INFORMATION:
; FEATURE:
; NAME/KEY: misc_feature
LOCATION: (1)...(101)
; OTHER INFORMATION: n = A,T,C or G
US-09-721-589-1791
                                                                                                                                                                                                                                                    2 CTCCCGGCTGCCTG 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              32 CTCCCGCCTGCTG 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                                                                                                  qq
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Search completed: April 26, 2001, 15:31:45 Job time: 30510 sec

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April 26, 2001, 17:25:07; Search time 217.85 Seconds (without alignments) 18:928 Million cell updates/sec
GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                         Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                 187195 segs, 137450115 residues
                                                                               OM nucleic - nucleic search, using sw model
                                                                                                                                                                                                                                                                                    IDENTITY_NUC Gapop 10.0 , Gapext 1.0
                                                                                                                                                                                                                                              1 GCTCCCGGCTGCCTG 15
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15
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Maximum DB seq length: 200000000
                                                                                                                                                                                                     Title:
Perfect score:
                                                                                                                                                                                                                                                                                       Scoring table:
                                                                                                                                                                                                                                              Sequence:
                                                                                                                                                                                                                                                                                                                                                   Searched:
                                                                                                                      Run on:
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Database :

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Pending_Patents_NA_New:*

1: /cgn2_6/ptodata/2/pna/PCT_NEW_COMB.seq:*

2: /cgn2_6/ptodata/2/pna/US06_NEW_COMB.seq:*

3: /cgn2_6/ptodata/2/pna/US07_NEW_COMB.seq:*

3: /cgn2_6/ptodata/2/pna/US09_NEW_COMB.seq:*

5: /cgn2_6/ptodata/2/pna/US09_NEW_COMB.seq:*

5: /cgn2_6/ptodata/2/pna/US09_NEW_COMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

STIMMARTES

			App	Ap	Ap	Ap	Ap	Ap	Αp	Appl	Ap.	. A	AD	Ap	Ap	Ϋ́	•	Ap		A	Ap	Αp	Αp	Appl	App	App	Appl	Ap	Αp
		c	957,	2422.	2434,	2421,	2433,	2423,	3005,	47, A	3002,	61077	7775,	6980,	7917	7166,	64276	5550,	11288,	14872	6917,	2315,	3593,	23, A		326,		2841,	,0669
		Description	Sequence																										
SUMMAKIES		QI	US-09-543-679A-957	US-09-543-679A-2422	US-09-543-679A-2434	US-09-543-679A-2421	543-	US-09-543-679A-2423	JS-09-543-679A-3005	US-60-248-505-47	US-09-543-679A-3002	US-09-540-212A-61077	US-09-801-833-7775	US-09-801-833-6980	PCT-US01-01339-7917	US-09-540-212A-7166	US-09-540-212A-64276	US-09-801-833-5550	US-08-276-163D-11288	US-08-276-163D-14872	US-09-801-833-6917	09-801	US-09-801-833-3593	-869-2	US-09-811-380-856	US-09-739-449-326	US-09-801-436-21	US-09-543-679A-2841	PCT-US01-01339-6990
		;	5	_	2	_	2	S	S	9	2	2	5	5	_	2	5	2			_	_	_	_	_	_	2	_	7
		Match Length DB	15	1942	1942	2900	2900	5962	11786	29464	117608	280	1915	2253	23748	216	350	474	499	207	. 531	541	629	663	672	810	822	5133	7789
đ	Query	Match	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.3	93,3	93.3	93.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	σ	89.3	89.3	89.3	89.3	89.3
		Score	15	15	15	15	15	15	15.	12	15	14	14	14	14	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
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Gaps

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Sequence 9166, Ap	Sequence 38, Appl	_		Sequence 26, Appl	Sequence 567, App	Sequence 8, Appli			28, A		Sequence 3488, Ap	Sequence 6873, Ap		Sequence 7, Appli	7	Sequence 891, App	Sequence 7500, Ap
PCT-US01-01339-9166	US-60-248-505-38	PCT-US01-01339-9164	US-60-248-823-10	US-60-248-505-26	US-60-248-505-567	US-60-248-823-8	US-60-248-505-357	US-60-248-505-219	US-60-248-505-28	US-09-540-212A-12212	US-08-276-163D-3488	US-09-739-449-6873	US-09-802-365-5	US-09-802-365-7	US-09-801-833-7025	US-09-811-380-891	PCT-US01-01339-7500
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11749	22081	30420	46677	48537	117358	136141	147068	182307	334854	238	245	297	468	474	2402	2405	4812
89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13	13	13	13	13	13	13	13
28	59	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
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ALIGNMENTS

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Sequence 957, Application US/09543679A
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLECTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 15;
                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 15; DB 5; Best Local Similarity 100.0%; Pred. No. 88; Matches 15; Conservative 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKYDWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TOPOLOGY: linear ; SEQUENCE DESCRIPTION: SEQ ID NO: 957: US-09-543-679A-957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:

APPLICATION UNMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 957:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 15 base pairs
                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 3111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                               ZIP: 08512
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: CD-R
                                                                                                                                                                                                                                                                                                               Cranbury
                                                                                                                                                                                                                                                                                                                                                              USA
                                                                                                                                                                                                                                                                                                                                     STATE: NJ
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                        US-09-543-679A-957
RESULT
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RESULT
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                                                                                                                                                                                                             TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLECTIDE, COMPOSITIONS, KIT & METHOD FOR TREATMENT OF ATTRACT DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 15; DB 5; Length 1942; 100.0%; Pred. No. 54;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
RAPPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Pred. No. 54;
Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear SEQ ID NO: 2422:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 3
US-09-543-679A-2434/C
; Sequence 2434, Application US/09543679A
; GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
                                                                                                                                                Sequence 2422, Application US/09543679A GENERAL INFORMATION: APPLICANT: NYCE, Jonathan W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 1942 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2422:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 31 CORRESPONDENCE ADDRESS:
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Best Local Similarity 100.
Matches 15; Conservative
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1 GCTCCCGGCTGCCTG 15
                                          1 GCTCCCGGCTGCCTG 15
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                                                                                                                            US-09-543-679A-2422/c
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                                                                                                          RESULT
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Gaps
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive
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REPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
RAPLICATION NUMBER: US/09/543,679A
APPLING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
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RAPLICATION UNDBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
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; Sequence 2421, Application US/09543679A
; GENERAL INFORMATION:
; APPLICANT: NYCE., Jonathan W.
                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Amzel, Viviana REGISTRATION NUMBER: 30,930
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COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                             COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 1942 base pairs
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STREET: 7 Clarke Drive
CITY: Cranbury
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STRANDEDNESS: single
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                                                                                                          ZIP: 08512
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
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                                         CITY: Cranbury
                                                                                                                                                                                                                           SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: N/A
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ZIP: 08512
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Best Local Similarity
Matches 15; Conserv
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                                                                                       COUNTRY:
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100.0%; Score 15; DB 5; Length 2900; 100.0%; Pred. No. 52;
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STREET: 7 Clarke Drive
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REGISTATION UNDBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: N/A
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-APT-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
                                                                                        0; Mismatches
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SEQUENCE DESCRIPTION: SEQ ID NO: 2423:
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FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
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TYPE: nucleic acid
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SEQUENCE CHARACTERISTICS:
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                                            Query Match 100.
Best Local Similarity 100.
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: <Unknown>
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                                                                                                                              1 GCTCCCGGCTGCCTG 15
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GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                               0
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                               REFERENCE/DOCKET NUMBER: EPI-0067191b TELECOMMUNICATION INFORMATION: TELEPHONE: 609-409-3035
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REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
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FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
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                                                                                                                                                                                                                                                                                           ; TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 2421: US-09-543-679A-2421
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FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                       NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
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                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 2421:
SEQUENCE CHARACTERISTICS:
LENGTH: 2900 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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TELEFAX: 413-254-9245
FILING DATE: 1998-08-03
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LENGTH: 2900 base pairs
                   ATTORNEY/AGENT INFORMATION:
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STRANDEDNESS: single
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COMPUTER READABLE FORM:
MEDIUM TYPE: CD-R
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                                                                                                                                                               TELEX: <Unknown>
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US-09-543-6794-2423,
US-09-543-6794-2423,
Sequence 2423, Application US/09543679A

GENERAL INFORMATION:
HENDLICANT: NYCE, Jonathan W.
HITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATHENT
OF AIRWAY DISORDERS ASSOCIATED WITH
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GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
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RESULT
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Beasley.
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
FILE REFERENCE: c1000918
CURRENT APPLICATION NUMBER: US/60/248,505
CURRENT FILING DATE: 2000-11-15
NUMBER OF SEQ ID NOS: 1998
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COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                             ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ;
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                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INPORMATION:
AMER: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 47 LENGTH: 29464
                                                                                                                                                                                                                                                                             MEDIUM TYPE: CD-R
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 11786 base pairs
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; OTHER INFORMATION: n = A,T,C or G
US-60-248-505-47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 3005:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: single
                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
                                                                                            CORRESPONDENCE ADDRESS:
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Matches 15; Conservative
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                                                                                                                                                                 CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: N/A
                                                                                                                                                                                                                 COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: misc_feature
                                                                                                                                                                                                                                  ZIP: 08512
                                                                                                                                                                                       STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: human
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                                                                                                                                                                                                                               Sequence 3002, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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DB 6; Length 29464; 41;
                                                 Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TOPOLGY: linear; SEQ ID NO: 3002: US-09-543-679A-3002
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    100.0%; Score 15;
illarity 100.0%; Pred. No. 4
Conservative 0; Mismatche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
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US-09-540-212A-61077/c
'Sequence 61077, Application US/09540212A
'GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 117608 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         .;
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                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 3111
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 08512
COMPUTER READABLE FORM:
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                                                                                                                                  1062 GCTCCCGGCTGCCTG 1048
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                                                                                         1 GCTCCCGGCTGCCTG 15
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STATE: NJ
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        Query Match
Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
Matches 15; Conserv
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LENGTH: 23748
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Stuve, Laura L.

APPLICANT: Mullahy, Sara J.

APPLICANT: Maughton, Rebecca E.

TITLE OF INVENTION: POLYNUCLEOTIDES OF AIRWAY AND LUNG SYSTEM TISSUE

FILE REFERENCE: PD-1034 CIP

CURRENT APPLICATION NUMBER: US/09/540,212A

NUMBER OF SEQ ID NOS: 67551

SOFTWARE: PERL PROGRAM

LENGTH: 280

TYPE: ...
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GENERAL INFORMATION:
APPLICANT: GLUCKSMAIN, M. ALEXANDIA
TITLE OF INVENTION: NUCLEIC ACID MOLECULES DERIVED FROM A
TITLE OF INVENTION: HUMAN BRAIN LIBRARY
FILE REFERENCE: 1600.1037-005
CURRENT APPLICATION NUMBER: US/09/801,833
CURRENT FILING DATE: 2001-03-13
PRIOR APPLICATION NUMBER: 60/095,907
PRIOR FILING DATE: 1999-08-10
PRIOR FILING DATE: 1998-08-10
PRIOR FILING DATE: 1998-08-10
PRIOR FILING DATE: 1998-08-06
NUMBER OF SEQ ID NOS: 8285
SOFTWARE: FRESED for Windows Version 4.0
SEQ ID NO 7775
LENGTH: 1915
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GENERAL INFORMATION:
APPLICANT: Gluckmann, M. Alexandra
TITLE OF INVENTION: NUCLEIC ACID MOLECULES DERIVED FROM A
TITLE OF INVENTION: HUMAN BRAIN LIBRARY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         93.3%; Score 14; DB 5; I
100.0%; Pred. No. 1.6e+02;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                               FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No: hu01333645
US-09-540-212A-61077
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , OTHER INFORMATION: n = A,T,C or G
US-09-801-833-7775
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Best Local Similarity 100.
Matches 14; Conservative
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Best Local Similarity 100.
Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       25 CTCCCGCTGCTG 12
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                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Homo sapiens
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US-09-801-833-6980
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Gaps
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APPLICANT: Seilhamer, Jeffrey J.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuve, Laura L.
APPLICANT: Mullahy, Sara J.
APPLICANTON: POLYNUCLEOTIDES OF AIRWAY AND LUNG SYSTEM TISSUE FILE REFERENCE: PD-1034 CIP
CURRENT APPLICATION NUMBER: US/09/540,212A
CURRENT FILING DATE: 2000-03-31
NUMBER OF SEQ ID NOS: 67551
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                                                                                                                                                                                                                                                                                                                                                                                                                                             93.3%; Score 14; DB 5; Length 2253; 100.0%; Pred. No. 1.6e+02; 1ve 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Human Genome Sciences, Inc., et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFERENCE: PC006PCT
CURRENT APPLICATION UMBER: PCT/US01/01339
CURRENT FILING DATE: 2001-03-17
NUMBER OF SEQ ID NOS: 10231
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100.0%; Pred. No. 1.2e+02;
ive 0; Mismatches 0;
                                        PRIOR APPLICATION NUMBER: 09/371,168
PRIOR FILING DATE: 1999-08-10
PRIOR PELING DATE: 1998-08-10
PRIOR PELING DATE: 1998-08-10
PRIOR PELING DATE: 1998-08-10
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEX ID NOS: 8285
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 6980
CURRENT APPLICATION NUMBER: US/09/801,833 CURRENT FILING DATE: 2001-03-13
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LOCATION: (14721)
COTHER INFORMATION: n equals a,t,g, or c
PCT-USO1-01339-7917
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PCT-US01-01339-7917/c; Sequence 7917, Application PC/TUS0101339; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 7166, Application US/09540212A; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 93.3
Best Local Similarity 100.
Matches 14; Conservative
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Best Local Similarity 100.
Matches 14; Conservative
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; ORGANISM: Homo sapiens
US-09-801-833-6980
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URS-09-540-212A-64276

Sequence 64276, Application US/09540212A

GENERAL INFORMATION:

APPLICANT: Sellhamer, Jeffrey J.

APPLICANT: Delegeane, Angelo M.

APPLICANT: Stuart, Susan G.

APPLICANT: Stuart, Susan G.

APPLICANT: Maujahy, Sara J.

APPLICANT: Naughton, Rebecca E.

TITLE OF INVENTION: POLYNUCLEOTIDES OF AIRWAY AND LUNG SYSTEM TISSUE

FILE REFERENCE: PD-1034 CIP

CURRENT TILING DATE: 2000-03-31

CURRENT TILING DATE: 2000-03-31

SOFTWARE: PERL PROGRAM

SOFTWARE: PERL PROGRAM

SOFTWARE: PERL PROGRAM

SOFTWARE: NAUGHTON NO 64276

TYPE: DNA

GRANISM: Rattus norvegicus
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Pred. No. 3.8e+02;
0; Mismatches 1; Indels
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89.3%; Score 13.4; DB 5; Length 350;
Best Local Similarity 93.3%; Pred. No. 3.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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CTHER INFORMATION: Incyte ID No: rat00108034

NAME/KEY: unsure

LOCATION: 183, 242, 337-338

COHER INFORMATION: a, t, c, g, or other

US-09-540-212A-64276
                                                                                                                            NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No: hu00434727
US-09-540-212A-7166
                                                                                                                                                                                                                                       89.3%;
93.3%;
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Best Local Similarity 93.3
Matches 14; Conservative
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                                                                TYPE: DNA ORGANISM: HOMO sapiens
SOFTWARE: PERL Program
SEQ ID NO 7166
LENGTH: 216
                                                                                                          FEATURE:
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Search completed: April 26, 2001, 17:25:10 Job time: 61647 sec

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(without alignments)
12.764 Million cell updates/sec
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| cgn2_6/ptodata/2/pna/VS06_COMB.seq:*
| cgn2_6/ptodata/2/pna/VS06_COMB.seq:*
| cgn2_6/ptodata/2/pna/VS06_COMB.seq:*
| cgn2_6/ptodata/2/pna/VS06_COMB.seq:*
| cgn2_6/ptodata/2/pna/VS08_COMB.seq:*
| cgn2_6/ptodata/2/pna/VS09_COMB.seq:*
| cgn2_6/ptodata/2/pna/VS09_COMB.seq:*
| cgn2_6/ptodata/2/pna/VS09_COMB.seq:*
| cgn2_6/ptodata/2/pna/VS09_COMB.seq:*
| cgn2_6/ptodata/2/pna/VS09_COMB.seq:*
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| cgn2_6/ptodata/2/pna/VS095_COMB.seq:*
| cgn2_6/ptodata/2/pna/VS096_COMB.seq:*
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/cgn2_6/ptodata/2/pna/US097B_COMB.seq:*
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/cgn2_6/ptodata/2/pna/US098_COMB.seq:*
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/cgn2_6/ptodata/2/pna/US0000_COMB.seq:*
/cgn2_6/ptodata/2/pna/US0000_COMB.seq:*
GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         13168883 seqs, 2603265903 residues
                                                                                                                                                                                                                                                                                                                                        1 creseccerscsecrererescess 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                            OM nucleic - nucleic search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                  IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
                                                                                                                                                                                                                                                                      US-09-093-972C-955
29
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Maximum DB seq length: 200000000
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/cgn2_6/i
/cgn2_6/i
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                                                                                                                                                                                                                                                                                                             Perfect score:
Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                     Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Database :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Searched:
                                                                                                                                                               Run on:
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/cgn2_6/ptodata/2/pna/US6013_COMB.seq:
/cgn2_6/ptodata/2/pna/US6013_COMB.seq:
/cgn2_6/ptodata/2/pna/US6014_COMB.seq:
/cgn2_6/ptodata/2/pna/US6015_COMB.seq:
/cgn2_6/ptodata/2/pna/US6015_COMB.seq:
/cgn2_6/ptodata/2/pna/US6012_COMB.seq:
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/cgn2_6/ptodata/2/pna/US6023_COMB.seq:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Result No.	Score	% . uer atc	Length	DB	SUMMARIES	cription
H 77		100.0	29	14	-09-093-972C-955 -09-509-152A-958	ance 955 ance 958
w 4	20.6	d d	270 270	17	S-09-304-517A- S-09-733-089-6	equence 3014, equence 6234.
5	0		N	22	S-09-594-596-826	equence 8264,
ψt	0.	ä,	C)	25	S-09-654-617-4508	equence 45080
~ &			791	28.7	S-09-684-016-45080 S-09-702-134-25247	420
6	0	. 6	4	24	S-09-620-392-5137	equence 51374,
10	9.	~ '	0	18	S-09-411-999-3496	equence 34964,
	თ თ		4 α	16	-716-473-803 -289-768-211	\ a
			8	22	S-09-572-409-167	equence 2113, equence 16712,
	·.	٠.	9	16	S-09-271-490-159	equence 1595,
	თ.	٠.	9	16	-09-289-768-212	equence 2120,
		٠ د	20	7 7 8	-496-911-28 -289-768-18	, ,
	 . o		0	16	-09-289-768-187	equence 1870,
	·. 6	9	0	17	-09-362-510-23339	equence 23339,
	٠. م د	٠.	0	17	-09-362-510A-233	e 23339,
		0 u	- ا	1 P	-289-768-131	equence 1315,
			418	16	S-09-287-618-206	equence 1203, equence 20698,
	٠.	9	_	25	-09-654-617-4544	equence 4544
	٠. ص د	٠.	Н,	27	S-09-684-016-45441	equence 45441
	n o		4 L 4	17	09-362-510A-2	2940 2946
	. : . o		10	18	S-09-431-517-7333	equence 7333,
	·.	9	3	17	S-09-362-510-23128	23128
	: თ.	٠.	m •	17	-09-362-510A-231	equence 23128
3.7		o	444	8 -	-517-713	Sequence 7138, Ap
	· .	٠.	• 4	16	-09-289-768-223	equence 2236,
	σ	ė.	9	19	S-09-528-409-717	equence 71708
	٠. ص	٠.	8	16	8-09-235-076-6561	equence 6561,
		٠.	8	16	S-09-248-797-228	equence 22865
		٠.	∞	1:	S-09-332-782-6561	equence 6561,
	19.4	 	486	11	-362-510-4/0 -362-510A-47	2 5
		9	8	21	S-60-197-873-4761	equence 47615
	·.	ė.	σ	16	S-09-277-227-1749	equence 17498
	٦.	٠.	000	17	09-346-956-1602	equence 16028
	19.4	o (σ,	16	S-09-248-797-2412	equence 24123
	19.4	، ف	541	24	-09-620-392-2101	e 21013
	1. Y.	ċ	4	27	S-09-/02-134-131b	edneuce 13108

/cgn2_6/ptodata/2/pna/US6010_COMB.seq:*/ /cgn2_6/ptodata/2/pna/US6011_COMB.seq:*

ptodata/2/pna/US6007_COMB.seq:
ptodata/2/pna/US6008_COMB.seq:
fptodata/2/pna/US6009_COMB.seq:

/cgn2_6/i /cgn2_6/ /cgn2_6/

ptodata/2/pna/US6003_COMB.seq: ptodata/2/pna/US6004_COMB.seq: /ptodata/2/pna/US6005_COMB.seq: /ptodata/2/pna/US6006_COMB.seq:

/cgn2_6/F /cgn2_6/F /cgn2_6/F

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CORRESPONDENCE ADDRESS:
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                                                                                                                   Sequence 955, Application US/09093972C
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: MULTIPLE TARGET HYBRIDIZING COMPOSITION
FORMULATIONS, KITS & APPLICATIONS
NUMBER OF SEQUENCES: 2419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
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MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/093,972C

FILING DATE: 09-Jun-1998

CLASSIFICATION NUMBER: US/08/472,527

RPLICATION NUMBER: US 08/472,527

FILING DATE: 26-11-1996

APPLICATION NUMBER: US 08/757,024

FILING DATE: 7-June-1995

APPLICATION NUMBER: US 08/757,024

FILING DATE: 7-June-1995

APPLICATION NUMBER: US 08/757,024

FILING DATE: 7-June-1995

APPLICATION NUMBER: US 09/757,024

FILING DATE: 7-June-1995

APPLICATION NUMBER: US 09/7016,464

FILING DATE: 3-January-1998

ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 29; DB 14; Length 29; ilarity 100.0%; Pred. No. 0.27; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; SEQUENCE DESCRIPTION: SEQ ID NO: 955: US-09-093-972C-955
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 CTCGCCCGTGCGCTCTGTCGCTCCCGGT 29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 29 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 955;
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                                                                                                                                                                                                                                                                                                                                                                                    CITY: Cranbury
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEX: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: DNA (96
                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best_Local Similarity
Matches 29; Conserv
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                                                                                                   US-09-093-972C-955
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 29; DB 19; Length 29; 100.0%; Pred. No. 0.27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
ADDRESSEE: EFIGENESIS PHARMACEUTICALS, INC. STREET: 7 CLARKE DRIVE CITY: CRANBURY STATE: NJ COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              71.0%; Score 20.6; DB 17;
85.2%; Pred. No. 3.9e+02;
tive 0; Mismatches 4;
                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,152A
FILING DATE: 17-MAI-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/059,160
FILING DATE: 1997-09-17
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Annotaated Plant Genes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cheikh, Nordine
APPLICANT: Liu, Jingdong
TITLE OF INVENTON: Annotated Plant Generate FERENCE: 38-21(15097)B
CURRENT APPLICATION NUMBER: US/09/304,517A
CURRENT FILING DATE: 1999-05-06
NUMBER OF SEQ ID NOS: 295529
LENGTH: 270
                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: EPI-00991
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE DESCRIPTION: SEQ ID NO: 958:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 CTCGGCCGTGCGGCTCTGTCGCTCCCGGT 29
                                                                                                                                                                                                                                                                                                                                                                                          NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-304-517A-3014; Sequence 3014, Application US/09304517A; GENERAL INFORMATION:
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                                                                                                                                                                      COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 .;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 958:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                     MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 29 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                            COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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                                                                                                                                                                                                                SOFTWARE: ASCII
                                                                                                       ZIP: 08512
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Best Local Similarity
Matches 29; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 23; Conserv
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Plant Genome Sequence and Uses Thereof
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                                                                                                                                                                                                                                                                                 Length 328;
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85.2%; Pred. No. 3.9e+02;
tive 0; Mismatches 4;
                                                                                                                                                                                                                                                                                 71.0%; Score 20.6; DB 25;
85.2%; Pred. No. 3.9e+02;
tive 0; Mismatches 4;
CURRENT APPLICATION NUMBER: US/09/654,617
CURRENT APPLICATION NUMBER: US/09/654,617
CURRENT FILING DATE: 2000-09-05
NUMBER OF SEQ ID NOS: 463173
SEQ ID NO 450809
LENGTH: 328
TYPE: DATE: 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Annotated Plant Genes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US 09/654,617
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/702,134
CURRENT FILING DATE: 2000-10-31
NUMBER OF SEQ ID NOS: 52207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 450809, Application US/09684016 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            49 CGCTCGTGCGGCTCTGACGCTCGCGGT 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3 CGGCCGTGCGGCTCTGTCGCTCCCGGT 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             49 CGCTCGTGGGCTCTGACGCTCGCGGT 23
                                                                                                                                                                                                                                                                                                                                                                   3 CGGCCGTGCGGCTCTGTCGCTCCCGGT 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Kovalic, David K. TITLE OF INVENTION: Annotated FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Cao, Yongwei
APPLICANT: Kovalic, David K.
APPLICANT: Liu, Jingdong
APPLICANT: McIninch, James
APPLICANT: Wu, Wei
TITLE OF INVENTION: Plant
                                                                                                                                                                              TYPE: DNA
CORGANISM: Triticum aestivum
US-09-654-617-450809
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: Triticum aestivum
US-09-684-016-450809
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Best Local Similarity 85.23
Matches 23; Conservative
                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 85.23
Matches 23; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LOCATION: (1)..(17912)
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LENGTH: 328
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LENGTH: 17912
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                                                                                          APPLICANT: Dotson, Stanton B.
APPLICANT: Dotson, Stanton B.
APPLICANT: Lut july Jingdong
APPLICANT: McIninch, James
APPLICANT: Nau, Wei
TITLE OF INVENTION: Transcription In Plants
FILE OF INVENTION: Transcription In Plants
FILE OF INVENTION: UNBER: US/09/733,089
CURRENT APPLICATION NUBBER: US 09/474,435
PRIOR FILING DATE: 1999-12-28
PRIOR APPLICATION NUBBER: US 09/654,617
PRIOR FILING DATE: 2000-09-05
PRIOR APPLICATION NUBBER: US 09/620,392
PRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 24143
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  71.0%; Score 20.6; DB 29; Length 270;
85.2%; Pred. No. 3.9e+02;
Live 0; Mismatches 4; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: DNA
DO CRANIZANT Triticum aestivum
; OTHER INFORMATION: Clone ID: uC-tsrow189035e11b1
US-09-594-596-8264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/594,596
CURRENT FILING DATE: 2000-06-15
NUMBER OF SEQ ID NOS: 10952
SEQ ID NO 8264
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; Sequence 450809, Application US/09654617
; GEREAL INFORMATION Kovalic, David K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               212 cgcagccgtgcggcactggcgctcccg 238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 8264, Application US/09594596 GENERAL INFORMATION:
APPLICANT:
APPLICANT:
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                                                       Sequence 6234, Application US/09733089 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Byrum, Joseph R. APPLICANT: De La Pena, Robert C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 85.2%
Matches 23; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Zea mays
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-594-596-8264/c
                   RESULT 4
JS-09-733-089-6234
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Gaps ö

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RESULT 12
US-09-289-768-2119/c
     US-09-716-473-803/c
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SEQ ID NO 803
LENGTH: 345
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                                                                                 Length 17912;
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                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kovalic, David K.
APPLICANT: Liu, Jingdong
APPLICANT: Liu, Jingdong
APPLICANT: McIninch, James
TITLE OF INVENTION: 38-21(51237)E
FILE REFERENCE: 38-21(51237)E
CURRENT APPLICANTION NUMBER: US/09/620,392
CURRENT FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 69652
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APPLICANT: Shenk, Michael Andrew
TITLE OF INVENTION: Polynucleotides isolated from plants and
TITLE OF INVENTION: methods for their use.
FILE REFERENCE: 1023U
CURRENT APPLICATION UNBER: US/09/411,999
CURRENT FILING DATE: 1999-10-04
NUMBER OF SEQ ID NOS: 37897
SSOTHARR: FESTERQ for Windows Version 3.0
                                                                                                                   Indels
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                                                                           Score 20.2; DB 28;
Pred. No. 4.5e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           69.7%; Score 20.2; DB 24; 88.0%; Pred. No. 4.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                67.6%; Score 19.6; DB 18; 84.6%; Pred. No. 9.3e+02;
; OTHER INFORMATION: unsure at all n locations US-09-702-134-25247
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ) ORGANISM: Oryza sativa
; OTHER INFORMATION: unsure at all n locations
US-09-620-392-51374
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; Sequence 51374, Application US/09620392
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                             Boukharov, Andrey A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3 CGCCGTGCGGCTCTGTCGCTCCCGG 28
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                                                                                                                                                     3 CGCCGTGCGGCTCTGTCGCTCCCG 27
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                                                                             69.7%;
88.0%;
                                                                                                                 22; Conservative
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Best Local Similarity 88.0%
Matches 22; Conservative
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Best Local Similarity 84.6
Matches 22; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ) ORGANISM: Pinus radiata
US-09-411-999-34964
                                                                           Query Match
Best Local Similarity
Matches 22; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-411-999-34964/c
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LENGTH: 18248
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SEQ ID NO 34964
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RESULT

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APPLICANT:
Byrum, Joseph R.
TITLE OF INVENTION:
Nucleic Acid Molecules and Other Molecules Associated Wi
TITLE OF INVENTION:
PILLE REFERENCE:
38-21(15860)B
CURRENT APPLICATION NUMBER: US/09/572,409
CURRENT FILING DATE: 2000-05-16
PRIOR APPLICATION NUMBER:
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                                             APPLICANT: Williamson, Mark
APPLICANT: Shyjan, Andrew W.
TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
TITLE OF INVENTION: THEREFOR
FILE REFERENCE: 1600.2043-001
CURRENT APPLICATION NUMBER: US/09/716,473
CURRENT APPLICATION NUMBER: 60/11-20
PRIOR APPLICATION NUMBER: 60/16,502
PRIOR FILING DATE: 1999-11-19
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GENERAL INFORMATION:
APPLICANT: Hyseq, INVEL NUCLEIC ACID SEQUENCES OBTAINED: TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
FILE REFERENCE: 20411-765
CURRENT APPLICATION NUMBER: US/09/289,768
CURRENT FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 39996
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
66.9%; Score 19.4; DB 28;
Best Local Similarity 79.3%; Pred. No. 1.1e+03;
Matches 23; Conservative 0; Mismatches 6;
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79.3%; Pred. No. 1.1e+03;
iive 0; Mismatches 6;
                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 2933
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           304 CTTGGCCTTGCAGATCTGTGTCTCCCGGT 276
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; Sequence 803, Application US/09716473; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; LOCATION: (1)...(345)
; OTHER INFORMATION: n = A,T,C or
US-09-716-473-803
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Best Local Similarity 79.3
Matches 23; Conservative
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ORGANISM: Homo sapiens
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; ORGANISM: Homo sapiens
US-09-289-768-2119
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                                                                                                                                                                                                 Length 388;
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GENERAL INFORMATION:
APPLICANT: HYSEQ, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
FILE REFERENCE: 20411-765
CURRENT APPLICATION NUMBER: US/09/289,768
CURRENT PILLING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 39996
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2120
LENGTH: 395
                                                                                                                                                                                                                                             Indels
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TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
TITLE OF INVENTION: ROOM VARIOUS CDNA LIBRARIES
FILE REPERENCE: 20411-767
CURRENY PAPLICATION NUMBER: US/09/271,490
CURRENY FILING DATE: 1999-03-18
NUMBER OF SEQ ID NOS: 19424
SEQ ID NOS: 19424
SEQ ID NO 1595
LENGTH: 392
                                                                                                                                                                                              66.9%; Score 19.4; DB 22;
79.3%; Pred. No. 1.1e+03;
Live 0; Mismatches 6;
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  1999-05-17
79201
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; OTHER INFORMATION: n = A,T,C or G
US-09-271-490-1595
                                                                                                                                                                                              Query Match
Best Local Similarity 79.33
Matches 23; Conservative
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CORGANISM: Homo sapiens
US-09-289-768-2120
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ORGANISM: Homo sapiens
                                                                                      TYPE: DNA
GORGANISM: Oryza sativa
US-09-572-409-16712
PRIOR FILING DATE:
NUMBER OF SEQ ID NOS:
SEQ ID NO 16712
LENGTH: 388
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Search completed: April 26, 2001, 15:31:47 Job time: 30512 sec

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OM nucleic - nucleic search, using sw model

April 26, 2001, 17:25:10 ; Search time 217.85 Seconds Run on:

(without alignments) 36.594 Million cell updates/sec

US-09-093-972C-955

1 CTCGGCCGTGCGCTCTGTCGCTCCCGGT 29 Title: Perfect score: Sequence:

Scoring table:

IDENTITY_NUC Gapop 10.0 , Gapext 1.0

187195 seqs, 137450115 residues Searched:

Total number of hits satisfying chosen parameters:

length: 0 length: 2000000000 Minimum DB seq Maximum DB seq

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database

Pending_Patents_NA_New:*

1: /cgn2_6/ptodata/2/pna/PCT_NEW_COMB.seq:*

2: /cgn2_6/ptodata/2/pna/US07_NEW_COMB.seq:*

3: /cgn2_6/ptodata/2/pna/US08_NEW_COMB.seq:*

4: /cgn2_6/ptodata/2/pna/US08_NEW_COMB.seq:*

5: /cgn2_6/ptodata/2/pna/US08_NEW_COMB.seq:*

5: /cgn2_6/ptodata/2/pna/US08_NEW_COMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Description	0.50		2434		3005	3002,	1424	47. Ar	837		5228	214.		2079	7410,	65.7	4037	28.5	ince 2998. An	7933	4293	211 8	64150	6186	9107	nce 174. App	382,
Descri	000000000	Segmence	Sequence	Segmence	Segmence	Sequence	Sequence	Sequence	Segmence	Sequence	Seguence	Sequence	Segmence	Sequence	Seguence	Segmente	Segmence	Segmence	Seguence	Sequence	Sequence	Segmente	Segmente	Secretarions	Segmence	Sequence	Sequence
SUMMARIES	US-09-543-679A-958	-09-543-679A	-543-679A-243	-543-		US-09-543-679A-3002	US-09-739-449-1424	-60-248-	US-09-813-206-837	US-09-783-514-2229	~	US-09-739-449-214	US-60-248-505-1593	US-09-739-449-2079	US-09-801-833-7410	IO	-09-540-212A-	US-09-442-385-281	US-09-801-833-2998	US-09-724-866A-7933	6	-449-21	US-09-540-212A-64159	US-09-739-449-6186	-20	-505-1	US-60-248-505-382
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% Query Match Length	29	1942	1942	5962	11786	117608	619	29464	4635	4668	1299	308503	6381	1043	3918	84272	248	285	321	391	1880	260744	242	1029	1865	33898	38812
% Query Match	100.0	100.0	100.0	100.0	100.0	100.0	65.5	64.8	64.1	64.1	63.4	63.4	62.8	62.1	62.1	62.1	61.4	61.4	61.4	61.4	61.4	61.4	60.7	60.7	60.7	60.7	60.7
Score	29	29	29	29	29	29	~	ω.	œ.	18.6	18.4	œ	ω.	18	18	18	17.8	17.8	17.8	•	•	٠	•	•	٠	17.6	17.6
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Result No.		O	ပ	O	U	ပ		ပ				ပ	ပ	U			ပ	O	Ü	O	ပ				ပ		

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US-08-276-163D-14109	US-09-540-2128-62/15 US-09-739-449-4607	US-09-809-628-3	US-09-739-449-212	US-09-801-833-685	US-09-801-833-6317	US-09-811-380-686	PCT-US01-01339-7918	US-09-739-449-6778	US-09-801-833-3396	US-09-801-833-7357	US-09-739-449-2761	US-09-739-449-3171	US-09-739-449-638	US-09-739-449-5725	US-09-184-467-13	PCT-US01-01339-6560
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Sequence 958, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLICONUCLEOTIDE,
COMPOSITIONS, KIT & MATHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Amzel, Viviana
REGIGYRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: BPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 958:
US-09-543-679A-958
                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 29 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEX: <Unknown>
INFORMATION FOR SEO ID NO: 958:
                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 3111
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 08512
COMPUTER READABLE FORM:
MEDIUM TYPE: CD-R
                                                                                                                                                                                                                                                                                                                  CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                            STATE: NJ
                      US-09-543-679A-958
RESULT
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Gaps ; 0 Query Match

100.0%; Score 29; DB 5; Length 29;
Best Local Similarity 100.0%; Pred. No. 0.0049;
Matches 29; Conservative 0; Mismatches 0; Indels

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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
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APPLICATION NUMBER: 60/127,958
                       STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
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COMPUTER READABLE FORM:
MEDIUM TYPE: CD-R
                                                                                                        ZIP: 08512
COMPUTER READABLE FORM:
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Best Local Similarity 100.0
Matches 29; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: <Unknown>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Cranbury
                                         CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
                                                                STATE: NJ
COUNTRY: USA
                                                                                                                                                    MEDIUM TYPE:
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US-09-543-679A-2423/c
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US-09-543-679A-2434/C
US-09-543-679A-2434/C
Sequence 2434, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                AAL INFORMATIONS.

APPLICANT: NYCE, JONATHAN W.

APPLICANT: NYCE, JONA ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE, TITLE OF INVENTION: COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH OF AIRWAY DISORDERS ASSOCIATED WITH
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                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 29; DB 5; 100.0%; Pred. No. 0.0033;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-APr-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 2422:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
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                         Sequence 2422, Application US/09543679A GENERAL INFORMATION:
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TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 1942 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: <UNKNOWN>
INFORMATION FOR SEQ ID NO: 2422:
SEQUENCE CHARACTERISTICS:
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 3111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: CD-R
                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS
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Best Local Similarity 100.0
Matches 29; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 08512
                                                                                                                                                               US-09-543-679A-2422/c
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TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE, COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 29; DB 5; Length 1942; 100.0%; Pred. No. 0.0033; tive 0; Mismatches 0; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: EPI-0067191b TELECOMMUNICATION INFORMATION: TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: N/A
CURRET APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 2434: US-09-543-679A-2434
                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION UNDBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   221 CTCGGCCGTGCGGCTCTGTCGCTCCCGGT 193
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 CTCGGCCGTGCGGCTCTGTCGCTCCCGGT 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 2423, Application US/09543679A GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
                                                                                                                                                                                                                                                                                     NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGIH: 1942 base pairs
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Gaps

FILING DATE: 1998-08-03

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100.0%; Score 29; DB 5;
ilarity 100.0%; Pred. No. 0.0028;
Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TOPOLOGY: linear; SEQUENCE DESCRIPTION: SEQ ID NO: 3002: US-09-543-679A-3002
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                                                                                                                                        Db 10065 CTCGGCCGTGCGGCTCTGTCGCTCCGGT 10037
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RAPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                  1 CTCGGCCGTGCGGCTCTGTCGCTCCCGGT 29
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                                                                                                                                                                                                                                                                           Sequence 3002, Application US/09543679A GENERAL INFORMATION: APPLICANT: NYCE, Jonathan W.
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GENERAL INFORMATION:
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 117608 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 3002:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 3111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: N/A CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 08512
                                           Best_Local Similarity
Matches 29; Conserv
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Matches 29; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: NJ
                                                                                                                                                                                                                                                   US-09-543-679A-3002/c
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                            Query Match
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COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF ATRAXT DISORDERS ASSCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 .;
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                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 100.0%; Score 29; DB 5; Length 5962; Best Local Similarity 100.0%; Pred. No. 0.003; Matches 29; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                   NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Amzel, Viviana
REGISTRATION UNDBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                  ** SEQUENCE DESCRIPTION: SEQ ID NO: 2423: US-09-543-679A-2423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear SEQ ID NO: 3005:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Db 4100 CTCGGCCGTGCGGCTCTGTCGCTCCCGGT 4072
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/127,958 FILING DATE: 1998-08-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 CICGGCGGIGGGCTCTGTCGCTCCCGGT 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 3005, Application US/09543679A GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 11786 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 2423:
SEQUENCE CHARACTERISTICS:
LENGTH: 5962 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 3005:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: <Unknown>
                                                                                                                                                        TELEX: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 08512
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                                               0; Gaps
                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE
                                                                                                                                                                                                                                                                                                                                                         COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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Length 11786;
                                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
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TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof FILE REFERENCE: 38-10(15490)
FILE REFERENCE: 38-10(15490)
CURRENT APPLICATION NUMBER: US/09/739,449
CURRENT FILING DATE: 2000-12-19
PRIOR APPLICATION NUMBER: US 09/514,000
PRIOR FILING DATE: 2000-02-23
NUMBER OF SEQ ID NOS: 13351
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TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
FILE REFERENCE: cl000918
CURRENT APPLICATION NUMBER: US/60/248,505
CURRENT FILING DATE: 2000-11-15
NUMBER OF SEQ ID NOS: 1998
SOFTWARE: FASELSEQ FOR Windows Version 4.0
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TITLE OF INVENTION: NUCLEIC ACID MOLECULES DERIVED FROM A
TITLE OF INVENTION: HUMAN CORONARY ARTERY SMOOTH MUSCLE LIBRARY
TITLE REFERENCE: 1600, 1023-002
CURRENT APPLICATION NUMBER: US/09/813,206
CURRENT FILING DATE: 2001-03-20
PRIOR APPLICATION NUMBER: 60/090,181
PRIOR FILING DATE: 1998-06-22
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26;
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                                                                                                                                                                                                                                                                                                        ; LOCATION: (1)..(679)
; OTHER INFORMATION: unsure at all n locations
US-09-739-449-1424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                       Score 19;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             175 ctcggctgcgcggggtctgccgctgccg 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 crcgcccgrccgcrcrcrcccc 27
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                                                                                                                                                                                                                                     ORGANISM: Agrobacterium tumefaciens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 47, Application US/60248505 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; LOCATION: (1)...(29464)
; OTHER INFORMATION: n = A,T,C or G
US-60-248-505-47
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Best Local Similarity 81.5%;
Matches 22; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 90.9
Matches 20; Conservative
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LOCATION: (1)...(29464
                                                                                                                                                                                                                                                                                NAME/KEY: unsure
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LENGTH: 29464
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US-09-813-206-837
                                                                                                                                                                 SEQ ID NO 1424
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Sequence 5222, Application US/09739449
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Hinkle, Gregory J.
TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
FILE REPERBENCE: 38-10(15490)
CURRENT APPLICATION NUMBER: US/09/739,449
CURRENT FILING DATE: 2000-12-19
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TITLE OF INVENTION: NUCLEIC ACID MOLECULES DERIVED FROM A TITLE OF INVENTION: NUCLEIC ACID MOLECULES DERIVED FROM A TITLE OF INVENTION: NUCLEIC ACID MOLECULES DERIVED FROM A TITLE OF INVENTION: 1600.1019-002

CURRENT FILING DATE: 2001-02-14

PRIOR APPLICATION NUMBER: 09/315,788

PRIOR APPLICATION NUMBER: 66/086,455

PRIOR APPLICATION NUMBER: 66/086,455

PRIOR APPLICATION NUMBER: 60/086,455

PRIOR FILING DATE: 1999-04-30
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                                                                                                                                                                                                                                                                                                                                      64.1%; Score 18.6; D
84.0%; Pred. No. 31;
tive 0; Mismatches
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                                     NUMBER OF SEQ ID NOS: 934
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 837
LENGTH: 4635
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 2346
SOFWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2229
LENGTH: 4668
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 2229, Application US/09783514; GENERAL INFORMATION:
PRIOR APPLICATION NUMBER: 09/338,425 PRIOR FILING DATE: 1999-06-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           244 ggccgcgcggctccgaagctcccgg 268
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                                                                                                                                                                            FEATURE:

NAME/KEY: misc_feature

LOCATION: (1)...(4635)

OTHER INFORMATION: n = A,T,C or G
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; OTHER INFORMATION: n = A,T,C or G
US-09-783-514-2229
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Gearing, David P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 84.08
Matches 21; Conservative
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Best Local Similarity 8
....hes 21; Conservat.
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Sequence 2079, Application US/09739449
; GEMERAL INFORMATION:
    APPLICANT: Hinkle, Gregory J.
    APPLICANT: Slater, Steven C.
    TILLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
    TILLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
    TORRENT TRING DATE: 2000-12-19
    CURRENT FILING DATE: 2000-02-23
    PRIOR FILING DATE: 2000-02-23
    NUMBER OF SEQ ID NOS: 13351
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FILE REPERENCE: 1600.1037-005
CURRENT APPLICATION NUMBER: US/09/801,833
CURRENT FILING DATE: 2001-03-13
PRIOR APPLICATION NUMBER: 60/095,907
PRIOR PILING DATE: 1999-08-10
PRIOR FILING DATE: 1998-08-10
PRIOR FILING DATE: 1998-08-10
PRIOR FILING DATE: 1998-08-10
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                      Indels
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Pred. No. 60;
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; OTHER INFORMATION: unsure at all n locations
US-09-739-449-2079
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  Pred. No. 43;
0; Mismatches
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Pred. No. 5
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SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Agrobacterium tumefaciens
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                                                                                         3416 CGTGCGCCCTGCAGCTCCCGGT 3394
                                                              7 CGTGCGGCTCTGTCGCTCCCGGT 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            62.1%;
80.8%;
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80.8%;
87.08;
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Best Local Similarity 80.8
Matches 21; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 62.1
Best Local Similarity 80.8
Matches 21; Conservative
                        20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ORGANISM: Homo sapiens US-09-801-833-7410
    Best Local Similarity
                                                                                                                                                                                           US-09-739-449-2079/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: unsure
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-801-833-7410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 7410
LENGTH: 3918
                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 2079
LENGTH: 1043
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Dp
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 214, Application US/09739449
GENERAL INFORMATION:
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof; FILE REFERENCE: 38-10(15490)C.
CURRENT APPLICATION NUMBER: US/09/739,449
CURRENT FILING DATE: 2000-12-19
FRIOR PAPLICATION NUMBER: US 09/514,000
PRIOR FILING DATE: 2000-02-23
NUMBER OF SEQ ID NOS: 13351
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TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: C1000918
CURRENT APPLICATION NUMBER: US/60/248,505
CURRENT FILING DATE: 2000-11-15
NUMBER OF SEQ ID NOS: 1998
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                 Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              62.8%; Score 18.2; DB 6; Length 6381;
                                                                                                                                                                                                                    DB 5; Length 1299;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 5;
                                                                                                                                                                                                  63.4%; Scor. 78.6%; Pred. No. 4±, 78.6%; O; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LOCATION: (1)..(308503)
CTHER INFORMATION: unsure at all n locations US-09-739-449-214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 18.4;
Pred. No. 25;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Db 253198 CTCGGCCGTCCGGCCAAGTCGCTGACG 253171
                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 09/514,000 PRIOR FILING DATE: 2000-02-23 NUMBER OF SEQ ID NOS: 13351 SEQ ID NO 5228 LENGTH: 1299
                                                                                                                                                                                                                                                                                                         1 creseccerececrorererececrees 28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1593, Application US/60248505
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Agrobacterium tumefaciens
                                                                                                               ; TYPE: DNA
; ORGANISM: Agrobacterium tumefaciens
US-09-739-449-5228
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 63.4%;
Best Local Similarity 78.6%;
Matches 22; Conservative
                                                                                                                                                                                                                    Query Match 63.4%
Best Local Similarity 78.6%
Matches 22; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-60-248-505-1593/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: unsure
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 12
US-09-739-449-214/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-60-248-505-1593
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LENGTH: 6381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
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Search completed: April 26, 2001, 17:25:20 Job time: 61657 sec

Page 1

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GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
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OM nucleic - nucleic search, using sw model
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April 26, 2001, 15:31:47; Search time 11829.6 Seconds Run on:

(without alignments)
8.803 Million cell updates/sec

1 cccccccccccccccccccccc 20 US-09-093-972C-956 20 Title: Perfect score:

IDENTITY_NUC Gapop 10.0 , Gapext 1.0 Scoring table: Sequence:

13168883 seqs, 2603265903 residues Searched:

26337766 hits satisfying chosen parameters: Total number of

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database

/cgn2_6/ptodata/2/pna/US6001_COMB.seq:* /cgn2_6/ptodata/2/pna/US6002_COMB.seq:* /cgn2_6/ptodata/2/pna/US6003_COMB.seq:* /cgn2_6/ptodata/2/pna/US6004_COMB.seq:* /cgn2_6/ptodata/2/pna/US6005_COMB.seq: /cgn2_6/ptodata/2/pna/US6006_COMB.seq: /cgn2_6/ptodata/2/pna/US600B_COMB.seq: /cgn2_6/ptodata/2/pna/US600B_COMB.seq: /cgn2_6/ptodata/2/pna/US6010_COMB.seq: /cgn2_6/ptodata/2/pna/US6011_COMB.seq:

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/cgn2_6/ptodata/2/pna/US6026_COWB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

			æ			SUMMARIES	
Result No.	1t	Score	Query	Length	80	OI.	Description
	-7	70 70 70		ÑÑ	14	S-09-09	Sequence 956, App Sequence 959, App
υ	m	20		419	16	S-09-274-861-218	218
	₹.	20		587	20	-60-186-281-8	90,
	n u	200	9 6	587	200	-186-281- -186-281-	Sequence 81, Appl
υ	· -	70		637	21	-09-548-789-5	, c
υ	ω	20	00	981	3	-07-850-701-2	20,
υ	6	20		981	æ	-07-850-702-20	20,
υ (10	20	100.0	981	m u	US-07-850-707A-20	Sequence 20, Appl
		200		981	י פ	-08-239-473-2	20,
		20		981	13	3-08-956-499-2	e 20,
	14	20		981	14	080-704-20	20,
	15	50		1267	14	US-09-016-43	Sequence 1267
	16	20		1290	۲,	351-414-1	equence 1,
	_ o	070	100.0	1296	٠ <u>۲</u>	11-4- 5-65	Sequence 4, Appil
	0 5	20		2897	5.4	245-225-	υo
	20	20		2900	'n	3-179-575-5	5, Appl
O	21	20		2919	49	50-172-373-23	e 2355,
	22			80507	26	50-245-225-172	172, P
. • •	23	œι		486	52	50-207-458-1217	equence 121785,
	2.4	\mathbf{x}		551	52	50-209-830-6015	equence 60158
	77	10.4		1584	0 0	7 .	Sequence 2/3441,
	2.7	•		99	54	50-226-176-1772	equence 1772,
	28	18		166180	55	-60-233-468-17	1772,
	59	17.4		129	25	-09-649-164-631	e 6312
	30	٠		227	7	-08-385-268-409	40
	31			227	13	-08-964-263-409	409,
	2.0			177	7.7 7.3	5-09-340-766-33	370
	34	17.4		242	21	S-09-540-208-9	940
	35	•		242	34	S-60-029-397-13	1379,
	36	17.4		267	20	S-09-539-800-1267	12677,
	37	17.4		278	21	S-09-540-764-502	equence 50229,
	38	٠.		284	14	S-09-070-695A-155	equence 1551
	٠. د د	٠		284	7 0	5-09-540-229-1253	equence 12334,
υt	404	17.4	87.0	288	200	US-U9-539-800-9433 US-09-539-800-12812	Sequence 9433, Ap
	42			309	15	S-09-179-473-2140	equence 2140,
	43	17.4		309	17	S-09-328-351-214	equence 2140
•	44	17.4	87.0	309	23	9-605-702-1	e 11679,
•	45	17.4	87.0	309	46	-60-146-224-80	Sequence 8042, Ap

ALIGNMENTS

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g
                Sequence 956, Application US/09093972C
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
6 TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                      ZIP: 08512

COMPUTER READABLE FORM:
    MEDLUM TYPE: Floppy disk
    COMPUTER: IBM PC compatible
    OPERATING SYSTEM: PC-DOS/MS-DOS
    SOFTWARE: Patentin Release #1.0, Version #1.30
    CURRENT APPLICATION DATA:
    RAPLICATION NUMBER: US/09/093,972C
    FILING DATE: 09-Jun-1998
    CLASSIFICATION: <u >CURKNOWN></u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 20;
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                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 20; DB 14;
ilarity 100.0%; Pred. No. 4.4e+02;
Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-JUNE-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-JUNE-1995
APPLICATION NUMBER: US 09/016,464
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: EPI-00672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 956:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 30-January-1998 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-509-152A-959; Sequence 959, Application US/09509152A; GENERAL INFORMATION: APPLICANT: NYCE, JONATHAN W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 956:
                                                                                                                                                                                NUMBER OF SEQUENCES: 996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 cccccccrcccccccc 20
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                                                                                                                                                                                                                                                                                                           STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: DNA (ge
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEX: <Unknown>
                                                                                                                                                                                                                                                                                   CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 20; Conserv
US-09-093-972C-956
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Gaps
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CORRESPONDENCE ADDRESS:
ADDRESSEE: BFIGENESIS PHARMACEUTICALS, INC.
STREET: 7 CLARKE DRIVE
CITY: CRANBURY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Hyseq, inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACIDS OBTAINED FROM
TITLE OF INVENTION: VARIOUS CDNA LIBRARIES
FILE REFERENCE: 20411-770
CURRENT APPLICATION NUMBER: US/09/274,861
CURRENT FILING DATE: 1999-03-23
NUMBER OF SEQ ID NOS: 11371
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2185
LENGTH: 419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 20; DB 19;
100.0%; Pred. No. 4.4e+02;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.0%; Score 20; DB 16; Best Local Similarity 100.0%; Pred. No. 2.8e+02; Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                           SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,152A
FILING DATE: 17-Mar-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE DESCRIPTION: SEQ ID NO: 959:
                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/059,160
FILING DATE: 1997-09-17
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 2185, Application US/09274861; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                   COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature

LCCATION: (1)...(419)

COTHER INFORMATION: n = A,T,C or G

US-09-274-861-2185
                                                                                                                                                                                 MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 959:
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                                                                                     STATE: NJ
COUNTRY: USA
ZIP: 08512
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: <Unknown>
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Best Local Similarity
Matches 20; Conserv
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TYPE: DNA
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TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: CL000300
CURRENT APPLICATION NUMBER: US/60/186, 281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: BONZZI, Vivien
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: CL000300
CURRENT APPLICATION NUMBER: US/60/186,281
CURRENT FILING DATE: 2000-03-01
NUMBER OF SEQ ID NOS: 428
SOFTWARE: FASTSEQ FOR Windows Version 4.0
                                                                                                                                                                                                                 TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: CLO00300
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100.0%; Pred. No. 2.7e+02;
tive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/60/186, 281 CURRENT FILING DATE: 2000-03-01 NUMBER OF SEQ ID NOS: 428 SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 80
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                                                                                                                                                       Sequence 80, Application US/60186281
GENERAL INFORMATION:
APPLICANT: Bonazzi, Vivien
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                        230 CCGCCGCCTCCGGGGGTC 211
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1 CCGCCGCCCTCCGGGGGGTC 20
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Best Local Similarity 100.
Matches 20; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity
Matches 20; Conserv
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; ORGANISM: HUMAN
US-60-186-281-81
                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: DNA
; ORGANISM: HUMAN
US-60-186-281-80
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                                                                                                              RESULT 4
US-60-186-281-80
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Sequence 5, Application US/09548789

GENERAL INFORMATION

APPLICANT: Erlanger, Bernard F

APPLICANT: Dong, Qinye

TITLE OF INVENTION: MANAGEMENT OF DIABETES BY STIMULATION OF THE AI

TITLE OF INVENTION: ADMOSINE RECEPTOR IN ADIPOSE TISSUE

FILE REPRENCE: 58076-A/JPW/EMM

CURRENT APPLICATION NUMBER: US/09/548,789

CURRENT FILING DATE: 2000-04-13

NUMBER OF SEQ ID NOS: 7

SOFTWARE: Patentin Ver. 2.1
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                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Jacobson, Marlene A
APPLICANT: Johnson, Robert G
APPLICANT: Luneau, Christopher J
APPLICANT: Salvatore, Christopher A
APPLICANT: Human Adenosine Receptors CDNA
NUMBER OF SEGUENCES: 24
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC COMPatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 20; DB 21;
100.0%; Pred. No. 2.6e+02;
tive 0; Mismatches 0;
                                                                                                                                                                                                             100.0%; Score 20; DB 50;
100.0%; Pred. No. 2.7e+02;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Human Fat Al Adenosine Receptor
               NUMBER OF SEQ ID NOS: 428
SCFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 203
LENGTH: 587
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                                                                                                                                                                                                                                                                                                                           479 ccgccgcctccggggggtc 498
CURRENT FILING DATE: 2000-03-01
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.
Best Local Similarity 100.
Matches 20; Conservative
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                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          P.O. Box 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; LOCATION: (2)..(637)
US-09-548-789-5
                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 20; Conserv
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                                                                                                          ; TYPE: DNA
; ORGANISM: HUMAN
US-60-186-281-203
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-07-850-701-20/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: CDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 5
LENGTH: 637
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Sequence 20, Application US/07850702

GENERAL INFORMATION:
APPLICANT: Jacobson, Marlene A
APPLICANT: Johnson, Robert G
APPLICANT: Luneau, Christopher J
APPLICANT: Salvatore, Christopher J
APPLICANT: Salvatore, Christopher A
ITLE OF INVENTION: Human Adenosine Receptors
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA.
                                                                                                ATTORNEY AGENT INFORMATION:
NAME: Panzer, Curtis C
REGISTRATION NUMBER: 33,752
REFERENCE/DOCKET NUMBER: 18,700
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908)594-3199
TELEPAX: (908)594-4720
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
CURRENT APPLICATION DATA: US/07/850,701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/07/850,702
FILLING DATE: 19920313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Panzer, Curtis C
REGISTRATION NUMBER: 33,752
REFERENCE/DOCKET NUMBER: 18,699
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908)594-3199
TELEFAX: (908)594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     376 CCGCCGCCTCCGGGGGGTC 357
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                                                                                                                                                                                                                                                                                                LENGTH: 981 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 981 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
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                                                            19920313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                      ; MOLECULE TYPE: CDNA US-07-850-701-20
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MOLECULE TYPE: CDNA

US-07-850-702-20
                                                                                                                                                                                                                                                                                                                                                                    linear
                                                            FILING DATE: 19
CLASSIFICATION:
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  100.0%; Score 20; DB 3; Length 981; 100.0%; Pred. No. 2.5e+02; tive 0; Mismatches 0; Indels
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APPLICANT: Duling, Brian R
APPLICANT: Jacobson, Marlene A
APPLICANT: Johnson, Robert G
APPLICANT: Linden, Joel M
TITLE OF INVENTION: HUMAN ADENOSINE RECEPTOR ANTAGONISTS
NUMBER OF SEQUENCES: 28
                                                                                                                                                                                                                                                                               APPLICANT: Jacobson, Marlene A
APPLICANT: Johnson, Robert G
APPLICANT: Luneau, Christopher J
APPLICANT: Salvatore, Christopher A
TITLE OF INVENTION: Method of Using Human Adenosine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: TBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
APPLICATION DATA:
APPLICATION NUMBER: US/07/850,707A
FILLIG DATE: 19920313
CLASSIFICATION: 435
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10-07-80-707A-20/c

1. Sequence 20, Application US/07850707A

5. GENERAL INFORMATION:
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; Sequence 20, Application US/08145437
; GENERAL INFORMATION:
APPLICANT: Doyle, Michael P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY AGENT INFORMATION:
NAME: Panzer, Curtis C
REGIESTRATION NUMBER: 33,752
REFERENCE/DOCKET NUMBER: 18,70
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908)594-3199
                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Merck & Co., Inc. STREET: P.O. Box 2000 CITY: Rahway
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                                                                                                            376 CCGCCGCCTCCGGGGGGTC 357
                                                                                     1 CCGCCGCCTCCGGGGGGTC 20
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Query Match
Best Local Similarity 100.(
Matches 20; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 100.(
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           981 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-07-850-707A-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     07065
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TITLE OF INVENTION: BY A2D ADENOSINE RECEPTOR AGONISTS AND ENHANCERS CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
100.0%; Score 20; DB 5; Length 981;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compactible
COMPUTER: IBM PC compactible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/145,437
FILIG DATE: 29-OCT-1993
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                             ATTORNEY AGENT INFORMATION:
NAME: Bencen, Gerard H
REGISTRATION NUMBER: 35,746
REFERENCE/DOCKET NUMBER: 19117
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-3901
TELEFAX: (908) 594-4720
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 981 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/239,473
FILING DATE: 6-MAY-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 35,746
REFERENCE/DOCKET NUMBER: 19222
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 20, Application US/08239473 GENERAL INFORMATION:
                          ADDRESSEE: Merck & Co., Inc. STREET: P.O.Box 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Merck & Co., Inc.
STREET: P.O.Box 2000
CITY: Rahway
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           376 CCGCCCCTCCGGGGGTC 357
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 CCGCCGCCTCCGGGGGGTC 20
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                                                             CITY: Ranway
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Rahway
STATE: New Jersey
COUNTRY: United States
ZIP: 07065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Bencen, Gerard H
REGISTRATION NUMBER: 35
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 6-MAY-
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ANTI-SENSE: NO US-08-145-437-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 12
US-08-239-473-20/C
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APPLICANT: Jacobson, Marlene A TITLE OF INVENTION: INHIBITION OF TNFalpha PRODUCTION
TITLE OF INVENTION: BY A2b ADENOSINE RECEPTOR AGONISTS AND ENHANCERS
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                    ö
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                                                                                                                                                                                                                                                                                            Length 981;
                                                                                                                                                                                                                                                                                        100.0%; Score 20; DB 6; Length 98
100.0%; Pred. No. 2.5e+02;
Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/956,499
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFCATION: 514
PRICR APPLICATION DATA:
APPLICATION NUMBER: US/08/239,473
FILING DATE: 6-MAY-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 20, Application US/08956499 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Bencen, Gerard H
REGISTRATION NUMBER: 35,746;
REFERENCE/DOCKET NUMBER: 1922;
TELECOMMUNICATION INFORMATION:
TELEFAX: (908) 594-4720
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Merck & Co., Inc. STREET: P.O.Box 2000
                 TELEFAX: (908)594-4720
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 981 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                376 CCGCCCTCCGGGGGTC 357
(908) 594-3901
(908)594-4720
                                                                                                                                                                                                                                                                                                                                                                         1 cccccccrcccccccc 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET:
CITY: Rahway
STATE: New Jersey
...wmrw: United States
                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 981 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                  MOLECULE TYPE: CDNA HYPOTHETICAL: NO ANTI-SFNSF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                        ; ANTI-SENSE: NO US-08-239-473-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-956-499-20/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; ANTI-SENSE:
US-08-956-499-20
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Sequence 1267, Application US/09016434

GENERAL INFORMATION:

APPLICANT: Janice Au-Young

APPLICANT: Jeffrey J. Seilhamer

TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING

TITLE OF INVENTION: PATHWAY GENE EXPRESSION

NUMBER OF SEQUENCES: 1490

CORRESPONDENCE ADDRESS:

ADDRESSEE: INCYTE PHARMACEUTICALS, INC.

STREET: 3174 PORTER DRIVE

CITY: PALO ALTO

STRATE: CALIFORNIA

COUNTRY: USA

ZIP: 94304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 20; DB 14; Length 981; 100.0%; Pred. No. 2.5e+02;
                                                                                                                                        Sequence 20. Application US/09080704
GENERAL INFORMATION:
APPLICANT: Jacobson, Marlene A
APPLICANT: Johnson, Robert G
APPLICANT: Luneau, Christopher J
APPLICANT: Luneau, Christopher A
TITLE OF INVENTION: Human Adenosine Receptors
TUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: United States
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/080,704
FILING DATE: 18 May 1998
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY AGENT INFORMATION:
NAME: Parr, Richard S.
REGISTRATION NUMBER: 32,586
REFERENCE/DOCKET NUMBER: 18699DB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (732)594-4958
TELEFAX: (732)594-4720
INFORMATION FOR SEQ ID NO: 20: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                            E: Merck & Co., Inc.
P.O. Box 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       376 CCGCCCTCCGGGGGTC 357
                      376 CCGCCCCTCCGGGGGGTC 357
1 cccccccrcccccccc 20
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 100.(
Matches 20; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                         CITY: Rahway
                                                                                                       RESULT 14
US-09-080-704-20/c
                                                                                                                                                                                                                                                                                                                                                                                                               'n
                                                                                                                                                                                                                                                                                                                                                                  STREET:
                                                                                                                                                                                                                                                                                                                                                                                                             STATE:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
SOFTWARE: WORD PARA:
APPLICATION NUMBER: US/09/016,434
FILING DATE: HEREWITH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 20; DB 14; 100.0%; Pred. No. 2.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Search completed: April 26, 2001, 15:31:48 Job time: 30513 sec
                                                                                                                                                                                                                    CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
MAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-000
TELEFONNINICATION INFORMATION:
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1267:
SEQUENCE CHARACTERISTICS:
LENGTH: 1267 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.08; Pic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 460 CCGCCGCCTCCGGGGGGTC 441
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Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                               CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLONE: GENBANK
CLONE: 9256154
US-09-016-434-1267
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      IMMEDIATE SOURCE
LIBRARY: GENBA
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Page 7

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GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
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OM nucleic - nucleic search, using sw model

April 26, 2001, 17:25:20 ; Search time 217.85 Seconds Run on:

(without alignments) 25.238 Million cell updates/sec

US-09-093-972C-956 20

1 cccccccrcccccccc 20 Perfect score: Sequence:

Scoring table:

IDENTITY_NUC Gapop 10.0 , Gapext 1.0

187195 segs, 137450115 residues Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 08 Maximum Match 1008 Listing first 45 summaries

Database

Pending_Patents_NA_New:*

!: /cgn2_6/ptodata/2/pna/PCT_NEW_COMB.seq:*

!: /cgn2_6/ptodata/2/pna/US06_NEW_COMB.seq:*

!: /cgn2_6/ptodata/2/pna/US08_NEW_COMB.seq:*

!: /cgn2_6/ptodata/2/pna/US08_NEW_COMB.seq:*

!: /cgn2_6/ptodata/2/pna/US08_NEW_COMB.seq:*

!: /cgn2_6/ptodata/2/pna/US08_NEW_COMB.seq:*

!: /cgn2_6/ptodata/2/pna/US08_NEW_COMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	1	Sequence 2420 Ap	24.20	7422	243	2421	Sequence 2433, Ap	2423		3002	7744	1628	2594	3. Anr	Sequence 80 Appl	27.0	033		18279	Sequence 13951. A	34398	36761	16240	25757	34642	537,	
SUMMARIES	ID	US-09-543-679A-959	US-09-543-679A-2420	1	US-09-543-679A-2422	US-09-543-679A-2434	543-	-543-	US-09-543-679A-2423	US-09-543-679A-3005	US-09-543-679A-3002	US-09-801-833-7744	US-09-783-514-1628	6	PCT-US01-10484-3	PCT-US01-10484-89	US-09-801-833-2785	US-09-739-449-933	-540-212A-3	US-09-540-212A-18279	US-09-540-212A-13951	US-09-540-212A-34398	US-09-540-212A-36761	US-09-540-212A-16240	US-09-540-212A-25757	US-09-540-212A-34642	-540-212A-537	US-09-540-212A-9362
	DB	5	Ŋ	Ŋ	S	Ŋ	Ŋ	Ŋ	Ŋ	S	Ŋ	Ŋ	2	2	П	1	Ŋ	Ŋ	Ŋ	S	Ŋ	S	S	S	S	Ŋ	Ŋ	2
	Length	20	981	981	1942	1942	2900	2900	5965	11786	117608	3573	316	794	1232	1353	331	831	83	S	185	197	197	220	226	227	228	228
dP	Query Match	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.0	84.0	84.0	84.0	84.0	82.0	82.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0		79.0	79.0
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	Result No.	1	°7	с С	c 4	ი ა	ဖ ပ	. ·		ວ (ບ	ر ت	c 11	-	c 13			16	c 17	18	19	20	21	22	23	24	25	36	27

	Sequence 25521, A Sequence 24628, A Sequence 3648, Ap
US-09-540-212A-19794 US-09-540-212A-10679 US-09-540-212A-10679 US-09-540-212A-6087 US-09-540-212A-6752 US-09-540-212A-1847 US-09-540-212A-1847 US-09-540-212A-1847 US-09-540-212A-1860 US-09-540-212A-3694 US-09-540-212A-36726 US-09-540-212A-36726 US-09-540-212A-36726 US-09-540-212A-36726 US-09-540-212A-36726	US-09-540-212A-25521 US-09-540-212A-24628 US-09-540-212A-3648
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222 233 233 233 234 244 255 255 255 255 255	257 258 258
799.0 799.0 799.0 799.0 799.0 799.0 799.0	79.0
115.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15.8 15.8
28 29 33 30 30 30 30 30 44 40 40 40 40 40 40 40 40 40 40 40 40	4 4 4 5 4 5 5

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TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE, COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                               ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: N/A
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; SEQUENCE DESCRIPTION: SEQ ID NO: 959: US-09-543-679A-959
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                          Sequence 959, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                     STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 959:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 20 base pairs
                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 3111
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: CD-R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 08512
                                                                                                                                                                                                                                                                                                                                     STATE: NJ
RESULT 1
US-09-543-679A-959
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Gaps ó Query Match

Query Match

100.0%; Score 20; DB 5; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 20; Conservative 0; Mismatches 0; Indels

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Sequence 2432, Application US/09543679A
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF ATTRAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                              Sequence 2420, Application US/09543679A

GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TRRAITENT
OF ATTRAX DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Amzel, Viviana
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: N/A
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE DESCRIPTION: SEQ ID NO: 2420:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 981 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: <URKNOWN>
INFORMATION FOR SEQ ID NO: 2420:
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1 ccecceccrcceegegrc 20
                           COMPUTER READABLE FORM:
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Best Local Similarity 100.0
Matches 20; Conservative
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US-09-543-679A-2432/c
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GENERAL INCOMATION:
GENERAL INCOMATION:
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF ATHWAY DISORDERS ASSOCIATED MITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive
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                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
NAME: AMZEL, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/543,679A FILING DEFE: 13-APR-2000 CLASSIFICATION: UNKNOWN PRIOR APPLICATION DATA:
                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
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                                                                                                                                                                       COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 981 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                               COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEX: <Unknown>
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                                                CITY: Cranbury
                                                                                       USA
                                                                                                                                                     MEDIUM TYPE:
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Best Local Similarity
Matches 20; Conserva
                                                                                                           ZIP: 08512
                                                                                       COUNTRY:
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US-09-543-679A-2422/c
                                                                 STATE:
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FILING DATE: 1998-08-03

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Gaps

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RESULT 7
US-09-543-679A-2433/C
US-09-543. Application US/09543679A
; Sequence 2433. Application
; GENERAL INFORMATION:
; APPLICANT: NYCE, Jonathan W.
; TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
                                                                                                                                                                                                                                                    Sequence 2421, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE, COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRMAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                            Length 1942;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 20; DB 5; Length 2900; 100.0%; Pred. No. 2.3;
                                                                   0; Indels
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                       100.0%; Score 20; DB 5;
100.0%; Pred. No. 2.5;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-APT- 2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
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REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: CD-R
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                              100.08; Fr. 0;
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 3111
                                                                                                                                  813 CCGCCGCCTCCGGGGGTC 794
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                                                                   20; Conservative
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COUNTRY: USA
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                          Query Match
Best Local Similarity
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GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 20; DB 5; Length 1942; 100.0%; Pred. No. 2.5;
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STREET: 7 Clarke Drive
                   NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: EPI-0067191b TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                 ; SEQUENCE DESCRIPTION: SEQ ID NO: 2422: US-09-543-679A-2422
                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
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RAPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
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REGISTRATION NUMBER: 30,930
                                                                              TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                       LENGTH: 1942 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: 609-409-3035
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                                                                                                                                          TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2422:
SEQUENCE CHARACTERISTICS:
ATTORNEY/AGENT INFORMATION:
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INFORMATION FOR SEQ ID NO: 2434:
SEQUENCE CHARACTERISTICS:
                                                                                                                       TELEFAX: 413-254-9245
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                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             813 CCGCCCCCCCGGGGGTC 794
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Best Local Similarity 100.
Matches 20; Conservative
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US-09-543-679A-2434/c
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GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, IT & METHOD FOR TREATMENT
OF ATTEMAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
CITY: Cranbury
                                                                                                               ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEPAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLSSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 2433:
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APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Anzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                      MEDIUM TYPE: CD-R
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2433:
SEQUENCE CHARACTERISTICS:
LENGTH: 2900 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                     NUMBER OF SEQUENCES: 3111
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COMPUTER READABLE FORM:
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                                                                                            CORRESPONDENCE ADDRESS
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Matches 20; Conservative
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                                                                                                                                                           CITY: Cranbury
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                                                                                                                                                                                     STATE: NJ
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US-09-543-679A-2423/C
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Gaps
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GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE, COMPOSITIONS, KIT & METHOD FOR TREATMENT OF ATTRACT DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
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REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                 NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
APPLICATION NUMBER: US/09/543,679A FILING DATE: 13-Apr-2000 CLASSIFICATION: UNKNOWN
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REPLICATION NOMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
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SEQUENCE DESCRIPTION: SEQ ID NO: 2423:
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FILING DATE: 1998-08-03
                                                                     PRIOR APPLICATION DATA:

APPLICATION UNDHER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                     TELEFAX: 413-254-9245
TELEX: CURKAOWAN
INFORMATION FOR SEQ 1D NO: 2423:
SEQUENCE CHARACTERISTICS:
LENGTH: 5962 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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SEQUENCE CHARACTERISTICS:
LENGTH: 11786 base pairs
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COMPUTER READABLE FORM:
MEDIUM TYPE: CD-R
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Best Local Similarity 100.0
Matches 20; Conservative
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SEQ ID NO 1628
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GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
                                                                                                                                                                                                                                                                                                                                                                                                                COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                100.0%; Score 20; DB 5; Length 11786; 100.0%; Pred. No. 1.7; 1; Ive 0; Mismatches 0; Indels 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Amzel, Viviana
REGIETRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                    TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 3005: 08-09-543-679A-3005
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APPLICATION WUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                 1 CCGCCCCCTCCGGGGGGTC 20
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                                                                                                                                       Best Local Similarity 100. Matches 20; Conservative
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Best Local Similarity
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                                                                                                                     Query Match
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RESULT

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Gaps
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APPLICANT: Gearing, David P.
APPLICANT: Gearing, David P.
TITLE OF INVENTION: NUCLEIC ACID MOLECULES DERIVED FROM A TITLE OF INVENTION: HUMAN ASTROCYTE LIBRARY
FILE REFERENCE: 1600.1019-002
CURRENT APPLICATION NUMBER: 09/315,788
PRIOR PILING DATE: 2001-02-14
PRIOR PILING DATE: 1999-05-21
PRIOR FILING DATE: 1999-05-22
PRIOR FILING DATE: 1999-05-22
PRIOR FILING DATE: 1999-06-22
PRIOR FILING DATE: 1999-06-22
PRIOR FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 2346
SOFTWARE: FASISEQ for Windows Version 4.0
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US-09-801-833-7744/C

Sequence 7744, Application US/09801833
GENERAL INFORMATION:
APPLICANT GLUCKSMAND, M. Alexandra
TITLE OF INVENTION: NUCLEIC ACID MOLECULES DERIVED FROM A
TITLE OF INVENTION: NUCLEIC ACID MOLECULES
FILE REFERENCE: 1600 1037-005
CURRENT APPLICATION NUMBER: US/09/801,833
CURRENT FILING DATE: 2001-03-13
PRIOR APPLICATION NUMBER: 09/371,168
PRIOR APPLICATION NUMBER: 60/095,907
PRIOR APPLICATION NUMBER: 60/095,907
PRIOR PILING DATE: 1999-08-10
PRIOR PILING DATE: 1999-08-10
PRIOR FILING DATE: 1999-08-10
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Pred. No. 23;
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90.0%; Pred. No. 68;
Live 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 8285
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 7744
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; LOCATION: (1)...(3573)
; OTHER INFORMATION: n = A,T,C or G
US-09-801-833-7744
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; OTHER INFORMATION: n = A,T,C or G
US-09-783-514-1628
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Best Local Similarity 94.7<sup>5</sup>
Matches 18, Conservative
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Best Local Similarity 90.0 Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-783-514-1628/C
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TYPE: DNA
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                                    ΩD
                                                            RESULT 13
US-09-739-449-2594/C
Squence 2594, Application US/09739449
SGRUERCE 2594, Application US/09739449
GENERAL INFORMATION:
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
FILE REFERENCE: 38-10(15490)C
CURRENT FILING DATE: 2000-12-19
PRIOR APPLICATION NUMBER: US 09/514,000
PRIOR FILING DATE: 2000-02-23
NUMBER OF SEQ ID NOS: 13351
SEQ ID NO 2594
LENGTH: 794
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     84.0%; Score 16.8; DB 5; Length 794; 90.0%; Pred. No. 56;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Hyseq, INC

TITLE OF INVENTION: NOVE
FILE REFERENCE: 21272-048
CURRENT APPLICATION NUMBER: PCT/USO1/10484
CURRENT APPLICATION NUMBER: PCT/USO1/10484
CURRENT FILING DATE: 2001-03-30
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2000-08-33
PRIOR APPLICATION NUMBER: 09/649,167
PRIOR APPLICATION NUMBER: 09/668,680
PRIOR PILING DATE: 2000-09-23
PRIOR PILING DATE: 2000-09-22
PRIOR PILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-10-33
PRIOR FILING DATE: 2000-11-30
PRIOR PILING DATE: 2000-03-14
NUMBER OF SEQ ID NOS: 172
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; LOCATION: (1)..(794)
; OTHER INFORMATION: unsure at all n locations
US-09-739-449-2594
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          84.0%; Score 16.8; D
90.0%; Pred. No. 51;
tive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 3, Application PC/TUS0110484 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Agrobacterium tumefaciens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              712 CCGCGCCCTCCGGGGGTTC 693
242 CCGCCCCCCCGGGGCTC 223
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Best Local Similarity 90.0
Matches 18; Conservative
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Best Local Similarity 90.0°
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             , NAME/KEY: CDS
, LOCATION: (159)..(776)
PCT-US01-10484-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Hyseq, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: unsure
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 14
PCT-US01-10484-3/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 3
LENGTH: 1232
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                                                                                                                                                                                                                                                            APPLICATION DIVIDED.

TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES FILE REFERENCE: 21272-048

FILE REFERENCE: 21272-048

CURRENT APPLICATION NUMBER: PCT/US01/10484

CURRENT FILING DATE: 2001-03-30

PRIOR APPLICATION NUMBER: 09/649,167

PRIOR FILING DATE: 2000-08-23

PRIOR FILING DATE: 2000-08-23

PRIOR FILING DATE: 2000-09-22

PRIOR FILING DATE: 2000-09-22

PRIOR FILING DATE: 2000-10-23

PRIOR FILING DATE: 2000-11-30

PRIOR FILING DATE: 2000-11-30
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                                                                                                                                                                                                      ; Sequence 89, Application PC/TUS0110484; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LOCATION: (1)...(1353)
| OTHER INFORMATION: n = a,t,c or g
| PCT-US01-10484-89
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1 CCGCCGCCCTCCGGGGGTC 20
                               59 CCGCCGCCTCCGGGGCTTC 40
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Best Local Similarity 90.09
Matches 18; Conservative
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                                                                                                                                                    RESULT 15
PCT-US01-10484-89/C
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April 26, 2001, 15:31:48; Search time 11829.6 Seconds (Without alignments) 7.922 Million cell updates/sec
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/cgn2_6/ptodata/2/pna/US6010_COMB.seq:*
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GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
                                                                                                                                                                                          13168883 seqs, 2603265903 residues
                                                                                                                                                                                                             Total number of hits satisfying chosen parameters:
                                         OM nucleic - nucleic search, using sw model
                                                                                                                                                                                                                                                                                     Maximum Match 100%
Listing first 45 summaries
                                                                                                              US-09-093-972C-957
18
1 TGCTGCCGTTGGCTGCCC 18
                                                                                                                                                          IDENTITY_NUC Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 200000000
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                                                                                                                                   Sequence:
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44: /cgn2_6/ptodata/2/pna/US6012_COMB.seq:*
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46: /cgn2_6/ptodata/2/pna/US6013_COMB.seq:*
47: /cgn2_6/ptodata/2/pna/US6015_COMB.seq:*
48: /cgn2_6/ptodata/2/pna/US6015_COMB.seq:*
49: /cgn2_6/ptodata/2/pna/US6016_COMB.seq:*
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52: /cgn2_6/ptodata/2/pna/US6012_COMB.seq:*
53: /cgn2_6/ptodata/2/pna/US6012_COMB.seq:*
54: /cgn2_6/ptodata/2/pna/US6012_COMB.seq:*
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56: /cgn2_6/ptodata/2/pna/US6012_COMB.seq:*
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57: /cgn2_6/ptodata/2/pna/US6012_COMB.seq:*
58: /cgn2_6/ptodata/2/pna/US6012_COMB.seq:*
59: /cgn2_6/ptodata/2/pna/US6012_COMB.seq:*
59: /cgn2_6/ptodata/2/pna/US6012_COMB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Description	Sequence 957, App Sequence 960, App Sequence 52, Appl	Sequence 377, App. Sequence 1375, App. Sequence 1997, Ap. Sequence 1997, Ap. Sequence 80, Appl. Sequence 81, Appl. Sequence 81, Appl.	200, 4 200, 4 4 200, 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20, Ap 1267, 1, Appl 4, Appl 3, Appl 655, A 642, A	e 2355, e 172, e 9677, e 9677, e 3805, e 47230	equence of
SUMMARIES	US-09-093-972C-957 US-09-509-152A-960 US-08-239-473-52 US-08-956-409-52	S-09-44 S-09-27 S-60-22 S-60-18	-60-186-281-2 -09-548-789-5 07-850-701-20 07-850-702-20 07-850-702-20 08-145-437-20 08-239-473-20	704-20 434-126 114-1 1031-4 575-3 515-655 225-642	5.60-172-373-23 5.60-245-225-17 5.60-245-225-10 5.60-164-320-96 5.60-183-791-96 5.09-471-275-38 5.09-620-392-47 5.09-620-392-68	702-134-702-134-702-134-1164-320-136-136-136-136-136-136-136-1370-505-1370-505-723-9723-9723-9723-9723-9723-9723-9723-
DB	114	16 16 54 50 50	50 33 33 13 13	114 12 14 14 14 14 14 14 14 14 14 14 14 14 14	442245 6422 6444 6444	24 28 28 28 28 48 48 7 7 7 11 11
Length	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	414 419 575 587 587	587 637 981 981 981 981	281 1290 1290 1296 2180 2359 2897 2900	2919 80507 666 666 1310 2961 5398	10420 18512 18512 67499 67499 67499 217 217 217 238
% Query Match	100.0 100.0 100.0			1000.000.000000000000000000000000000000		9111 91111 91111 91111 91111 85.6 85.6 85.6
Score	1 1 1 1 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1	18 18 18 18	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Result No.	4 3 2 1	000 80-80	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

CORRESPONDENCE ADDRESS:

ALIGNMENTS

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RESULT
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                                       Sequence 957, Application US/09093972C
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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US-09-509-152A-960
US-09-509-152A-960
; Sequence 960, Application US/09509152A
; GENERAL INFORMATION:
; GENERAL INFORMATION:
; APPLICANT: NYCE, JONATHAN W.
; TITLE OF INVENTION: MULTIPLE TARGET HYBRIDIZING COMPOSITION
; FORMULATIONS, KITS & APPLICATIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
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                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC Compatible
COMPUTER: IBM PC FOLOS/MS-DOS
OPERAPING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: EPI-00672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/472,527
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) SEQUENCE DESCRIPTION: SEQ ID NO: 957: US-09-093-972C-957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.08; Pro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 957:
                                                                                                                                                                            966
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                            ZIP: 08512
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                   STATE: New Jersey
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                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                              CITY: Cranbury
                                                                                                                                                                                                                                                                                                          USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity
Matches 18; Conserv
                                                                                                                                                                                                                                                                                                          COUNTRY:
    RESULT 1
US-09-093-972C-957
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RESULT
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Sequence 52, Application US/08239473
GENERAL INFORMATION:
APPLICANT: Jacobson, Maribilation of Thralpha PRODUCTION
TITLE OF INVENTION: INITIBITION OF THRAIPHA PRODUCTION
TITLE OF INVENTION:
TITLE OF INVENTION:
BY A2b ADENOSINE RECEPTOR AGONISTS AND ENHANCERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ô
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 CLARKE DRIVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/239,473 FILING DATE: 6-MAY-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 18; DB 19;
100.0%; Pred. No. 1.5e+02;
tive 0; Mismatches 0;
                                                                                                                                                                               COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,152A
FILING DATE: 17-MAT-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/059,160
FILING DATE: 1997-09-17
ATTORNEY/AGENT: IPPEMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: EPI-00991
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 960:
                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPTRY: United States
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Merck & Co., Inc. STREET: P.O.Box 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 960:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGIH: 18 base pairs
                                                                                                                                                                 MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         rahway
E: New Jersey
TRY: United States
                                                                                                                   ZIP: 08512
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 recreccerrected 18
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REGISTRATION NUMBER: 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 100.
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                  CITY: CRANBURY
                                                                                                COUNTRY: USA
                                                                        STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-509-152A-960
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-239-473-52
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Gaps

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Sequence 377, Application US/09440302
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
APPLICANT: Chenchik, Alex
TITLE OF INVENTION: Human Neurobiology Array
FILE REPERENCE: CLON-006CIP11;
CURRENT APPLICATION NUMBER: US/09/440,302
CURRENT FILING DATE: 1999-11-17
PRIOR APPLICATION NUMBER: 09/053,375
PRIOR APPLICATION NUMBER: 09/053,375
PRIOR PILING DATE: 1998-03-31
NUMBER OF SEQ ID NOS: 597
SEQ ID NO 377
LENGTH: 414
    Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CTHER INFORMATION: Nucleic Acid Probe US-09-440-302-377
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 2185, Application US/09274861 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature

| LOCATION: (1)...(419)

| CTHER INFORMATION: n = A,T,C or G

US-09-274-861-2185
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                                                               1 TGCTGCCGTTGGCTGCCC 18
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                                          1 recrecerrecerece 18
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Best Local Similarity 100.
Matches 18; Conservative
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Matches 18; Conservative
18; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 6
US-09-274-861-2185/c
                                                                                                                                                              US-09-440-302-377/c
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LENGTH: 419
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Matches
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Sequence 52, Application US/08956499
GENERAL INFORMATION:
APPLICANT: Jacobson, Marlene A
TITLE OF INVENTION: INHIBITION OF THRAIPHA PRODUCTION
TITLE OF INVENTION: BY A2b ADENOSINE RECEPTOR AGONISTS AND ENHANCERS
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                             Length 45;
                                                                                                                                                                                                                                                                                                                                                                   Indels
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APPLICATION NUMBER: US/08/956,499
                                                                                                                                                                                                                                                                                                                           100.0%; Score 18; DB 6; I
100.0%; Pred. No. 1.6e+02;
                                                                                                                                                                                                                                                                                                                                                                   Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/239,473
FILING DATE: 6-MAY-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Bencen, Gerard H
REGISTRATION NUMBER: 35,746
REFERENCE/DOCKET NUMBER: 19222
TELECOMMUNICATION:
TELEPHONE: (908) 594-3901
TELEFAX: (908) 594-4720
  REFERENCE/DOCKET NUMBER: 19222
              TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-3901
TELEFAX: (908) 594-4720
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 45 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
                                                                                                                                                                                                                                                                                                                                                                   ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SECTION 52: SEQUENCE CHARACTERISTICS: LENGTH: 45 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: P.U.L...
CITY: Rahway
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                         1 TGCTGCCGTTGGCTGCCC 18
                                                                                                                                                                                                                                                                                                                                                                                                                                               1 recreccerreccreccc 18
                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
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STRANDEDNESS: both
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                                                                                                                                                                                   linear
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                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 18; Conserv
                                                                                                                                                                                 TOPOLOGY: linea
MOLECULE TYPE: CE
HYPOTHETICAL: NO
                                                                                                                                                                                                                                            ; ANTI-SENSE: YES
US-08-239-473-52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; ANTI-SENSE:
US-08-956-499-52
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Length 45;

Score 18; DB 13; Pred. No. 1.6e+02;

100.0%; 100.0%;

Query Match Best Local Similarity

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  Length 414;
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                                           Indels
                                                                                                                                                                                                                                                                       APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACIDS OBTAINED FROM
TITLE OF INVENTION: VARIOUS CDNA LIBRARIES
FILE REFERENCE: 20411-770
CURRENT APPLICATION NUMBER: US/09/274,861
CURRENT FILING DATE: 1999-03-23
NUMBER OF SEQ ID NOS: 11371
SOFTWARE: FastSEQ for Windows Version 3.0
100.0%; Score 18; DB 18;
100.0%; Pred. No. 1.8e+02;
tive 0; Mismatches 0;
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100.0%; Pred. No. 1.8e+02;
iive 0; Mismatches 0;
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US-60-229-515-1997/c
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1 TGCTGCCGTTGGCTGCCC 18
                                              ; TYPE: DNA
; ORGANISM: HUMAN
US-60-186-281-81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: HUMAN US-60-186-281-203
                                                                                                                                                                                                                                                                                                                                                                              RESULT 10
US-60-186-281-203
                          LENGTH: 587
       SEQ ID NO 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA.
                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
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                                         APPLICANT: Bessley, Ellen
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROFEDENCE: CLOO0776
CURRENT APPLICATION NUMBER: US/60/229,515
CURRENT FILING DATE: 2000-09-05
NUMBER OF SEQ ID NOS: 2013
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1997
LENGTH: 575
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: BONDAZZI, VIVIEN
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: CL000300
CURRENT APPLICATION NUMBER: US/60/186,281
CURRENT APPLICATION NUMBER: US/60/186,281
NUMBER OF SEQ ID NOS: 428
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 81, Application US/60186281
Sequence 81, Application US/60186281
SEQUENCE INFORMATION:
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: PRCEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
CURRENT APPLICATION NUMBER: US/60/186,281
CURRENT APPLICATION NUMBER: US/60/186,281
NUMBER OF SEQ ID NOS: 428
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.0%; Score 18; DB 54; Best Local Similarity 100.0%; Pred. No. 1.9e+02; Matches 18; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 18; DB 50; Best Local Similarity 100.0%; Pred. No. 1.9e+02; Matches 18; Conservative 0; Mismatches 0;
Sequence 1997, Application US/60229515
GENERAL INFORMATION:
APPLICANT: Beasley, Ellen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 80, Application US/60186281; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                             ; LOCATION: (1)...(575)
; OTHER INFORMATION: n = A,T,C or G
US-60-229-515-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      370 tgctgccgttggctgccc 387
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    94 TGCTGCCGTTGGCTGCCC 77
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                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: HUMAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: HUMAN
US-60-186-281-80
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LENGTH: 587
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                                                                                                                                                                                                                                                               Sequence 203, Application US/60186281
GENERAL INFORMATION:
FEDELICAT: BONDAZIA, VIVIAN
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: CL000300
CURRENT APPLICATION NUMBER: US/60/186,281
CURRENT FILING DATE: 2000-03-01
NUMBER OF SEQ ID NOS: 428
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 203
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Sequence 5, Application US/09548789

GENERAL INFORMATION:

APPLICANT: Erlanger, Bernard F

APPLICANT: Erlanger, Bernard F

TITLE OF INVENTION: MANAGEMENT OF DIABETES BY STIMULATION OF THE AL

TITLE OF INVENTION: MANAGEMENT OF DIABETES BY STIMULATION OF THE AL

TITLE OF INVENTION: MANAGEMENT OF DIABETES BY STIMULATION OF THE AL

TITLE OF INVENTION: MANAGEMENT OF US/09/548,789

CURRENT FILING DATE: 2000-04-13

SOFTWARE: PALCATION NUMBER: US/09/548,789

SOFTWARE: PALCATION VOY: 2.1

SEQ ID NO 5:

LENGTH: 637
                                                        Gaps
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100.0%; Score 18; DB 50;
100.0%; Pred. No. 1.9e+02;
tive 0; Mismatches 0;
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100.0%; Pred. No. 1.9e+02;
tive 0; Mismatches 0;
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100.0%; Pred. No. 1.9e+02;
Live 0; Mismatches 0;
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                                                                                                                             370 tgctgccgttggctgccc 387
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                                                                                                   1 recrecerrecec 18
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Best Local Similarity 100.0
Matches 18, Conservative
                            Best Local Similarity 100.
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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; LOCATION: (2)..(637)
US-09-548-789-5
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Best Local Similarity
Matches 18; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                    APPLICANT: Jacobson, Marlene A
APPLICANT: Jacobson, Robert G
APPLICANT: Johnson, Robert G
APPLICANT: Luneau, Christopher J
APPLICANT: Salvatore, Christopher A
TITLE OF INVENTION: Human Adenosine Receptors CDNA
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & CO., Inc.
STREET: P.O. Box 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTE: 0/003

COMPUTE: 0/003

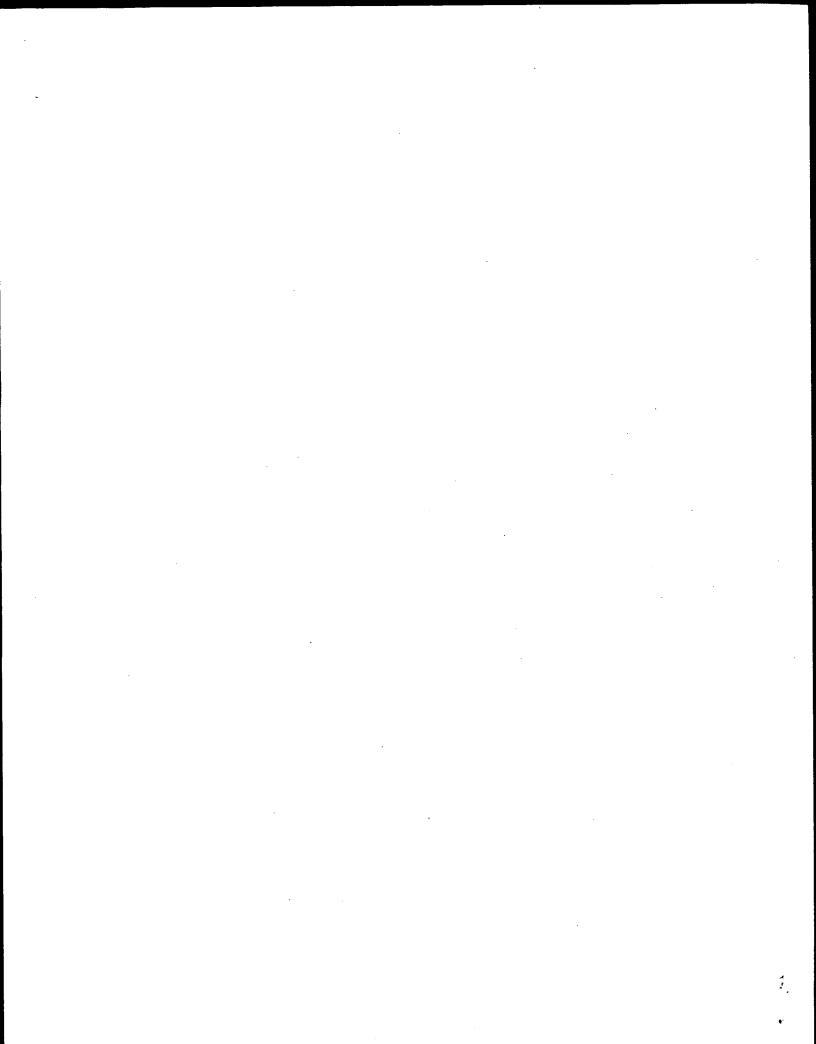
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/850,701
FILING DATE: 19920313
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: PARZET CURTIS C
REGISTRATION NUMBER: 33,752
REFERENCE/POCKET NUMBER: 18,700
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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GENERAL INFORMATION:
APPLICANT: Jacobson, Marlene A
APPLICANT: Juneau, Christopher J
APPLICANT: Luneau, Christopher J
TITLE OF INVENTION: Human Adenosine Receptors
CORRESPONDENCE ADDRESS:
ADDRESSE: MATCH & CO., Inc.
STREET: P.O. Box 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
                                                                                                         US-07-850-701-20/c
; Sequence 20, Application US/07850701
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (908)594-4720
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 981 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               143 TGCTGCCGTTGGCTGCCC 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RY: United States 07065
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Best Local Similarity 100.
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                     United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Rahway
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US-07-850-702-20/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-07-850-701-20
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                                                                                                                                                                                                                                                                                                                                                                                                  STATE:
                                                                                    RESULT 12
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 20. Application US/07850707A
GENERAL INFORMATION:
APPLICANT: Jacobson, Marlene A
APPLICANT: Johnson, Robert G
APPLICANT: Luneau, Christopher J
APPLICANT: Luneau, Christopher A
TITLE OF INVENTION: Method of Using Human Adenosine
TITLE OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SCENNARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/850,707A
FILING DATE: 19920313
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                       CUCRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/850,702
FILING DATE: 19920313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 18,701
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908)594-3199
                                                                                                                                                      FILING DATE: 19920333
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: PAIZET, CULTIS C
REGISTRATION NUMBER: 33,752
REFERREC/POCKET NUMBER: 18,6
TELEPHONE: (908)594-3199
TELEPKK: (908)594-3199
TELEPKK: (908)594-3199
TELEPKK: (908)594-3199
INFORMATION FOR SEQ ID NO: 20: SEQUENCE CHARACTERISTICS:
LENGTH: 981 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Merck & Co., Inc. STREET: P.O. Box 2000 CITY: Rahway
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Panzer, Curtis C
REGISTRATION NUMBER: 33,752
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 484 TGCTGCCGTTGGCTGCCC 467
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 TGCTGCCGTTGGCTGCCC 18
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 981 base pairs
TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 100.
Best Local Similarity 100.
Matches 18; Conservative
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; MOLECULE TYPE: CDNA US-07-850-702-20
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US-07-850-707A-20/C
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0
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| Sequence 20, Application US/08145437 |
| GENERAL INFORMATION: |
| APPLICANT: Doyle, Michael P |
| APPLICANT: Duling, Brian R |
| APPLICANT: Jacobson, Marlene A |
| APPLICANT: Jacobson, Marlene A |
| APPLICANT: Linden, Joel M |
| TITLE OF INVENTION: HUMAN ADENOSINE RECEPTOR ANTAGONISTS |
| NUMBER OF SEQUENCES: 28 |
| CORRESPONDENCE ADDRESS: |
| ADDRESSEE: Marck & CO., Inc. |
| STREET: P.O.BOX 2000 |
                                                                                                                               Query Match
100.0%; Score 18; DB 3; Length 981;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 18; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 18; DB 5; Length 981; 100.0%; Pred. No. 1.9e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: P.O.Box 2000
CITY: Rahway
STAFE: New Jersey
COUNTRY: United States
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFFWARE: Patentin Release #1.0, Version #1.25
CLASSIFICATION DATA:
APPLICATION NUMBER: US/08/145,437
FILING DATE: 29-0CT-1993
CLASSIFICATION NUMBER: 35,746
REGISTRATION NUMBER: 35,746
REGISTRATION NUMBER: 35,746
REFERENCE/COCKET NUMBER: 19117
TELEPHONE: (908) 594,3901
TELEPHONE: (908) 594,3901
TELEPHONE: CRASTERISTICS:
SEQUENCE CHARACTERISTICS:
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
TELECTH: 981 base pairs
TTPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Search completed: April 26, 2001, 15:31:49 Job time: 30514 sec
                                                                                                                                                                                                                                            484 TGCTGCCGTTGGCTGCCC 467
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Best Local Similarity 100.(
Matches 18; Conservative
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-07-850-707A-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               HYPOTHETICAL: NO
SHAFF-1001
HYPOTHETICAL: NO
HYPOTHETICAL: NO
US-08-145-437-20
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GenCore version 4.5 Copyright (c) 1993 - 2000 Compugen Ltd.
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OM nucleic - nucleic search, using sw model

April 26, 2001, 17:25:22; Search time 217.85 Seconds Run on:

(without alignments)
22.714 Million cell updates/sec

US-09-093-972C-957 Perfect score:

1 recrecerrecer 18 Sequence:

IDENTITY_NUC Gapop 10.0 , Gapext 1.0 Scoring table:

187195 segs, 137450115 residues Searched:

Total number of hits satisfying chosen parameters:

length: 0 length: 2000000000 Minimum DB seq Maximum DB seq Post-processing: Minimum Match 0%

Maximum Match 100% Listing first 45 summaries

Database

Pending_Patents_NA_New:*

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6: /cgn2_6/ptodata/2/pna/US08_NEW_COMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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(& Query			SUMMAKIES	
Score Match Length DB	Match L	ъį.	ength	DB :	QI	Description
	100.0		18	2	US-09-543-679A-960	Sequence 960, App
	100.0		981	Ŋ	US-09-543-679A-2420	
100.0			981	ഹ	US-09-543-679A-2432	2432,
8 100.0		• •	1942	Ŋ	US-09-543-679A-2422	
100.0		• •	1942	Ŋ	543	
8 100.0		•	2900	Ŋ	US-09-543-679A-2421	
100.0		•	2900	2	US-09-543-679A-2433	
100.0			2965	S	US-09-543-679A-2423	
100.0		H	11786	S	US-09-543-679A-3005	
-	-	11	17608	2	US-09-543-679A-3002	Sequence 3002, Ap
85.6			619	S	US-09-739-449-1898	_
1 85.6		٦	1929	9	US-60-248-505-1529	1529,
85.6 4	4	403	03789	9	US-60-248-505-197	197, 1
82.2	2.5		279	S	US-09-540-212A-36432	
æ.	82.2		699	Ŋ	US-09-811-380-395	
.8 82.2	2.5		888	2	US-09-739-449-3506	Sequence 3506, Ap
.8 82.2	2.2	7	1431	9	US-60-248-823-171	
.8 82.2	2.5	(1	1197	'n	US-09-423-844-11	11,
.8 82.2	2.2	•	2197	Ŋ	US-09-802-706-26	26,
.8 82.2	2.2		2340	Ŋ	US-09-811-380-825	825,
.8 82.2	2.2	_	6158	П	PCT-US01-01339-8513	8513,
.8 82.2	2.5	ω	8835	_	PCT-US01-01339-5494	
.8 82.2	2.2		8957	-	PCT-US01-01339-9239	9239,
.8 82.2 4	2.2 4	4	6846	9	US-60-248-823-45	45, Ar
.8 82.2	2.5	0	96187	9	US-60-248-505-52	52.
82.2	7	16	160609	9	US-60-248-505-48	48,
14.8 82.2 183	82.2 183	183	183820	2	US-09-739-449-209	209,

Sequence 45, Appl	Sequence 219, App	Sequence 7754. Ap		• • • •	Sequence 7092, Ap	324	395.	Sequence 219, App	2749.	Sequence 204, App	9002	Sequence 30572, A	Sequence 30587. A	. ,			
US-60-248-505-45	US-09-739-449-219	US-09-724-866A-7754	US-09-739-449-7239	US-09-801-833-3614	PCT-US01-01339-7092	US-60-248-505-324	US-60-248-505-395	US-09-739-449-219	US-09-739-449-2749	US-09-739-449-204	US-09-724-866A-9002	US-09-540-212A-30572	US-09-540-212A-30587	US-09-540-212A-33722	US-09-540-212A-33000	US-09-540-212A-48446	US-09-540-212A-717
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14.8	14.8	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14	14	13.8	13.8	13.8	13.8	13.8	13.8	13.8
28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
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ALIGNMENTS

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Sequence 960, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                            ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive CITY: Cranbury STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: EPI-0067191b TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 960:
US-09-543-679A-960
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 413-254-9245
                                                                                                                                                                                                      3111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                       ZIP: 08512
COMPUTER READABLE FORM:
                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: <Unknown>
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                         USA
                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                      COUNTRY:
              US-09-543-679A-960
RESULT
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Gaps ö Query Match

100.0%; Score 18; DB 5; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8;
Matches 18; Conservative 0; Mismatches 0; Indels

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ZIP: 08512
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Best Local Similarity
Matches 18; Conserv
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                                      STATE: NJ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-543-679A-2432
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GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                            Sequence 2420, Application US/09543679A

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHAD FOR TREATMENT
OF ATTEMAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
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                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 2420:
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APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 981 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 2420:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 413-254-9245
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                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 3111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  484 TGCTGCCGTTGGCTGCCC 467
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
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1 TGCTGCCGTTGGCTGCCC 18
                      1 TGCTGCCGTTGGCTGCCC 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEX: <Unknown>
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Best Local Similarity 100.
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 08512
                                                                                                                                                                                                                                                                                                                                                                                                                STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
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RESULT 4

US-09-543-679A-2422/C

US-09-543-679A-2422/C

SEQUENCE 2422, Application US/09543679A

GENERAL INFORMATION:

APPLICANT: NYCE, Jonathan W.

TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,

COMPOSITIONS, KIT & METHOD FOR TREATMENT

OF AIRWAY DISORDERS ASSOCIATED WITH
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 18; DB 100.0%; Pred. No. 1.9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/543,679A FILING DATE: 13-Apr-2000 CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE DESCRIPTION: SEQ ID NO: 2432:
                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION UNDER: 60/127,958
FILING DATE: 1998-08-03
ATTORREY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/127,958
                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: CD-R
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                               COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 413-254-9245
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2432:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 981 base pairs TYPE: nucleic acid
                         STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ;
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                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
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MEDIUM TYPE: CD-R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              484 TGCTGCCGTTGGCTGCCC 467
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
                                                                                           COUNTRY: USA
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Gaps

FILING DATE: 1998-08-03

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Gaps

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Sequence 2421, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan M. T. SENSE OLIGONUCLEOTIDE,
TITLE OF INVENTION: LOW ADENOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 2433, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NCCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
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                             Length 1942;
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                                                                        0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC
                           100.0%; Score 18; DB 5; 100.0%; Pred. No. 1.9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                        Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 2421:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
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TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 2900 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 2421:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                       921 TGCTGCCGTTGGCTGCCC 904
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                                                                                                               1 recreccerreccrecce 18
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                                                                      Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Cranbury
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
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                                               Best_Local Similarity
Matches 18; Conserv
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Matches 18; Conserv
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                             Query Match
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLECTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                          ;
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                                                             REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                         TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 2422:
US-09-543-679A-2422
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; SEQUENCE DESCRIPTION: SEQ ID NO: 2434: US-09-543-679A-2434
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APPLICATION NUMBER: 60/127,958
                  NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
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                                                                                                                                          TELEX: «Unknown»
INFORMATION FOR SEQ ID NO: 2422:
SEQUENCE CHARACTERISTICS:
LENGTH: 1942 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2434:
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                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
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CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.0
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: N/A
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US-09-543-679A-2434/C
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TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
TITLE OF INVENTION: LOW ADENOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.0%; Score 18; DB 5; Length 2900;
Best Local Similarity 100.0%; Pred. No. 1.9;
Matches 18; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                        ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
'CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE DESCRIPTION: SEQ ID NO: 2433:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
RAPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-543-679A-2423/c; Sequence 2423, Application US/09543679A; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: 609-409-3035
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 2433:
SEQUENCE CHARACTERISTICS:
                                                                                                                                           STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 413-254-9245
                                                                         NUMBER OF SEQUENCES: 3111 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 3111
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COMPUTER READABLE FORM:
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                                                                                                                                                                    CITY: Cranbury
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Gaps
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GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, IT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 18; DB 5; Length 5962; 100.0%; Pred. No. 1.9;
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
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REGISTRATION UNBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: EPI-0067191b TELECOMMUNICATION INFORMATION:
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RAPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
APPLICATION NUMBER: US/09/543,679A
                                                                                                                                                                                                                                                                                                                                                                                                                        ; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 2423:
US-09-543-679A-2423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
                                                                                  APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
NAMME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
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APPLICATION UNDHER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
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LENGTH: 11786 base pairs
                     FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 5962 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                          TELEPHONE: 609-409-3035
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TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2423:
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                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS
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Best Local Similarity 100.
Matches 18; Conservative
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COUNTRY: USA
ZIP: 08512
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US-09-543-679A-3005/c
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; LOCATION: (1)..(679)
; OTHER INFORMATION: unsure at all n locations
US-09-739-449-1898
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                                                                                                                                                                                                                                                                                                                                                                                                                                   85.6%; Score 15.4; I 94.1%; Pred. No. 35; Live 0; Mismatches
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                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Agrobacterium tumefaciens
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94.1%;
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                         NAME/KEY: unsure
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US-60-248-505-1529
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                                                                                                                                                                                                                                                                                                                                       Sequence 302, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLICONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
NUMBER OF SEQUENCES: 3111
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                                                                                                                             100.0%; Score 18; DB 5; Length 11786; 100.0%; Pred. No. 1.9;
                                                                                                                                                                     Indels
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
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REGISTRATION UNMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear SEQ ID NO: 3002: US-09-543-679A-3002
                                                                                                                                                                     0; Mismatches
               STRANDEDNESS: single
FOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 3005:
US-09-543-679A-3005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA: APPLICATION NUMBER: 60/127,958
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
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TELEFAX: 413-254-9245
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
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TYPE: nucleic acid
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Best Local Similarity 100.
Matches 18; Conservative
                                                                                                                                                   Best Local Similarity 100. Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Cranbury STATE: NJ
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US-09-543-679A-3002/c
                                                                                                                                 Query Match
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RESULT

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Sequence 1898, Application US/09739449
GENERAL INFORMATION:
APPLICANT: Hinle, Gregory J.
APPLICANT: Slater, Steven C.
TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
FILE REFERENCE: 38-10(15490)C
CURRENT PAPLICATION NUMBER: US/09/739,449
FRIOR FILING DATE: 2000-12-19
FRIOR PILING DATE: 2000-02-23
NUMBER OF SEQ ID NOS: 13351
SEQ ID NO 1898
LENGTH: 679
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Sequence 1529, Application US/60248505

GENERAL INFORMATION:

APPLICANT: Beasley. Ellen

TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED

TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR

TITLE OF INVENTION: PROTEINS, AND USES THEREOF

FILE REPERENCE: cl000918

CURRENT APPLICATION NUMBER: US/60/248,505

CURRENT FILING DATE: 2000-11-15

NUMBER OF SEQ ID NOS: 1998

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 1529
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TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: c.1000918
CURRENT APPLICATION NUMBER: US/60/248,505
CURRENT FILIG DATE: 2000-11-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 36432, Application US/09540212A
GENERAL INFORMATION:
APPLICANT: Seilhamer, Jeffrey J.
APPLICANT: Seilhamer, Angelo M.
APPLICANT: Stuve, Laurat, Susan G.
APPLICANT: Stuve, Laura L.
APPLICANT: Stuve, Laura L.
APPLICANT: Mullahy, Sara J.
APPLICANT: Naughton, Rebecca E.
TITLE OF INVENTION: POLYNUCLEOTIDES OF AIRWAY AND LUNG SYSTEM TISSUE
FILE REFERENCE: PD-1034 CIP
CURRENT APPLICATION NUMBER: US/09/540,212A
CURRENT FILING DATE: 2000-03-31
NUMBER OF SEQ ID NOS: 67551
SOFTWARE: PERL PROGram
                                                                                                                                                                                                                                                                                                                                                           0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                Query Match
85.6%; Score 15.4; DB 6; Length 403789;
Best Local Similarity 94.1%; Pred. No. 36;
Matches 16; Conservative 0; Mismatches 1; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    82.2%; Score 14.8; DB 5; Length 279; 88.9%; Pred. No. 68; Live 0; Mismatches 2; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Generally, David P.
APPLICANT: Generally, David P.
APPLICANT: Holtzman, Douglas A.
TITLE OF INVENTION: ULUCIEIC ACID MOLECULES DERIVED FORM A.
TITLE OF INVENTION: HUMAN KIDNEY LIBRARY
ELLE REPREBENCE: MAN98-08pm
CURRENT APPLICATION NUMBER: US/09/811,380
CURRENT FILING DATE: 2001-03-16
PRIOR APPLICATION UNDER: 09/322,104
PRIOR FILING DATE: 1999-05-27
PRIOR APPLICATION NUMBER: 60/087,053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No: hu00099051
SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 197 LENGTH: 403789
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: a, t, c, g, or other US-09-540-212A-36432
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 395, Application US/09811380 GENERAL INFORMATION:
                                                                                                                                                 ; NAME/KEY: misc_feature
; LCCATION: (1)...(403789)
; OTHER INFORMATION: n = A,T,C or G
US-60-248-505-197
                                                                                                                                                                                                                                                                                                                                                                                                                               1 TGCTGCCGTTGGCTGCCC 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           72 tgctgccgctggctggcc 89
                                                                                                                                                                                                                                                                                                                                                                                                  2 GCTGCCGTTGGCTGCCC 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ouery Match 82.2
Best Local Similarity 88.9
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-540-212A-36432
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: unsure
LOCATION: 228
                                                                                                     ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 36432
LENGTH: 279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-811-380-395
                                                                             TYPE: DNA
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GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
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OM nucleic - nucleic search, using sw model

; Search time 11829.6 Seconds April 26, 2001, 15:31:49 Run on:

(without alignments)
7.482 Million cell updates/sec

US-09-093-972C-958 17 Title: Perfect score:

IDENTITY_NUC Gapop 10.0 , Gapext 1.0 1 CTTCTGCGGGTCGCCGG 17 Scoring table: Sequence:

13168883 segs, 2603265903 residues Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Maximum Match 100% Listing first 45 summaries Post-processing: Minimum Match 0%

Pending_Patents_NA_Main:* Database :

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/ cgn2_6/ptodata/2/pna/USO6_COMB.seq:*
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/ cgn2_6/ptodata/2/pna/USO86_COMB.seq:*
/ cgn2_6/ptodata/2/pna/USO86_COMB.seq:*
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6/ptodata/2/pna/US088_COMB.seq **
6/ptodata/2/pna/US089_COMB.seq **
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6/ptodata/2/pna/US093_COMB.seq **
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6/ptodata/2/pna/US095b_COMB.seq **
6/ptodata/2/pna/US096b_COMB.seq **
6/ptodata/2/pna/US098_COMB.seq ** /cgn2_6/ /cgn2_6/ /cgn2_6/ /cgn2_6, /cgn2_6, /cgn2_6,

/cgn2_6,

ptodata/2/pna/US6001_COMB.seq: ptodata/2/pna/US6002_COMB.seq: cgn2_6/ /cgn2_6,

ptodata/2/pna/US6005_COMB.seq: ptodata/2/pna/US6006_COMB.seq: /cgn2_6/ptodata/2/pna/US6010_COMB.seq: /cgn2_6/ptodata/2/pna/US6011_COMB.seq: /ptodata/2/pna/US6003_COMB.seq: /ptodata/2/pna/US6004_COMB.seq: ptodata/2/pna/US6008_COMB.seq: ptodata/2/pna/US6009_COMB.seq: ptodata/2/pna/US6007_COMB.seq

Sequence 103, App

49 US-60-170-911-103

929

9.06

15.4

45

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/cgn2_6/ptodata/2/pna/Us6011_COMB.seq:*
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/cgn2_6/ptodata/2/pna/Us6023_COMB.seq:* /cgn2_6/ptodata/2/pna/US6025_COMB.seg: /cgn2_6/ptodata/2/pna/US6026_COMB.seg: /cgn2_6/ptodata/2/pna/US6027_COMB.seg:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	ult No.	Score	a tie	Length	DB 114	SUMMARLES S-09-09-093-972C-9	958,
	۱ ۸	17	20	17	13	S-09-509-152A-96	961
υ	ı m	17	00	68	17	S-09-389-835A-13	3
	4	17	00	332	20	S-60-186-652-45	45,
υ	S	17	100.0	377	52	S-60-207-458-3	3082
Ö	9	17	00	393	16	S-09-287-618-2129	2129
υ	7	17	00	414	18	-09-440-302-37	377, A
υ	8	17	100.0	575	54	S-60-229-515-19	1997,
	σ	17	0	587	20	S-60-186-281-8	80
	10	17	100.0	587	20	S-60-186-281	81,
	11	17	00	587	20	-60-186-281-2	
Q		17	100.0	637	21	S-09-548-789	Sequence 5,
O	13	17	00	981	က	-850-701-	equence 20,
Ö	14	17	100.0	981	m	150-702-20	20,
υ	15	17	00	981	က	-850-707A	equence 20,
υ	16		100.0	981	5	-145-437-	equence 20,
υ	17	17	00	981	9	08-239-473-	20,
υ	18	17	00	981	13	S-08-956-499-2	e 20,
υ	19	17	00	981	14	-09-080-704	20,
υ	20	17	00	1267	14	-09-016-434-1	1267
υ	21	17	100.0	1290	7	351-414-1	1, AF
υ	22	17	00	1296	Н	r-us98-090	4
ပ	23	17	100.0	2180	S	179-5	3, App
	24	17	00	2359	54	8-60-229-515-	Sequence 655,
	25	17	8	2897	56	0-245-225-64	Sequence 642, App
O	56	17	00	2900	Ŋ	179-575-	5, Appl
υ	27	17	100.0	2919	49	0 - 172 - 373 - 23	Sequence 2355, Ap
υ	28	17	00	80507		-60-245-225-17	e 172, P
O	59	16	94.1	429	17	62-510-23719	23719,
ပ	30	16	4.	429		-09-362-510A-23	23719
υ	31	16	4.	2325	16	252-991A-21	218,
	32	16	4	2784		-09-252-991A-1	194,
υ	33	16	4.	\sim	16	S-09-252-991A-22	7
υ	34	16	4.	35454		-082-302-72	7
	35	S.	0	47	7	-351 - 41	10, Apr
٠	36	15.4	ö	176		S-09-298-329A-5	S
	37	15.4	0	243	14	S-09-044-767-2	0
υ	38	15.4	٥.	289	27	S-09-699-999-82	82, A
ပ	39	2	0	422	17	S-09-332-782-137	13779
O	40	15.4	0	422	19	9-515-694-1377	13779
ပ	41	15.4		463	51	S-60-196-711-2	22
ņ	42	15.4		œ	20	S-60-182-316-17	e 175,
Ö	43	15.4	90.6	512	51	S-60-196-868-7	7440,
	44	in n	ö	0	45	US-60-132-861-7184	Sequence 7184, Ap

ALIGNMENTS

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                                                                                                  TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION & TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 961, Application US/09509152A
Sequence 961, Application US/09509152A
GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: MULTIPLE TARGET HYBRIDIZING COMPOSITION
HUMBER OF SEQUENCES: 2419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 17; DB 14; Length 17; 100.0%; Pred. No. 2.3e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOTTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFCATION: CURROWN>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/72,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/757,024
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 7-June-1996
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: 11near
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 958:
                        Sequence 958, Application US/09093972C
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
                                                                                                                                                                                                                                                                                                                                                                ZIP: 08512
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 958: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                      CITY: Cranbury
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 crrcreceeercecee 17
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                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 17; Conserv
US-09-093-972C-958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ;
US-09-093-972C-958
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APPLICANT: Ruoho, Arnold E.
APPLICANT: Ruoho, Arnold E.
APPLICANT: Geiser, Andrew H.
APPLICANT: Stevert, Mike
APPLICANT: Sievert, Mike
TITLE OF INVENTION: BACTERIORHODOPSIN/G PROTEIN-COUPLED RECEPTOR CHIMERAS
FILE REFERENCE: 96429/9079
CURRENT PAPLICATION NUMBER: US/09/389,835A
CURRENT FILING DATE: 1999-09-03
PRIOR APPLICATION NUMBER: 60/098,950
PRIOR PILING DATE: 1998-09-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide; OTHER INFORMATION: primer
US-09-389-835A-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ő
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 CLARKE DRIVE
CITY: CRANBURY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 17; DB 19; 100.0%; Pred. No. 2.3e+02;
                                                                                                            COMPUTATION OF THE COMPUTATION OF THE COMPUTATION OF THE COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,152A
FILING DATE: 17-MAT-2000
CLASSIFICATION UNKNOWN
PRIOR APPLICATION NUMBER: 60/059,160
FILING DATE: 1997-09-17
ATTORNEY_AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: EPI-00991
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TOPOLGGY: 1inear ; SEQUENCE DESCRIPTION: SEQ ID NO: 961: US-09-509-152A-961
                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-389-835A-13/c; Sequence 13, Application US/09389835A; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 53
SOFTWARE: Word 97 (DOS text file)
SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 961: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 CTTCTGCGGGTCGCCGG 17
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Best Local Similarity 100.
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 CTTCTGCGGGTCGCCGG 17
                                                                                                  COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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APPLICANT: Beasley, Ellen
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: CL000776
CURRENT APPLICATION NUMBER: US/60/229,515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                          APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
FITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
FILE REFERENCE: 20411-768
CURRENT APPLICATION NUMBER: US/09/287,618
CURRENT FILING DATE: 1999-04-02
NUMBER OF SEQ ID NOS: 35865
SOFTWARE: FASLEDG for Windows Version 3.0
SEQ ID NO 21294
LENGTH: 393
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 17; DB 18; 100.0%; Pred. No. 1.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 17; DB 16; 100.0%; Pred. No. 1.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: LUKASHOW, MATVOW E.
TITLE OF INVENTION: Human Neurobiology Array
FILE REFERENCE: CLON-006CIP11
CURRENT APPLICATION NUMBER: US/09/440,302
CURRENT FILING DATE: 1999-11-17
PRIOR APPLICATION NUMBER: 09/053,375
PRIOR APPLICATION NUMBER: 09/053,375
PRIOR FILING DATE: 1998-03-31
NUMBER OF SEQ ID NOS: 597
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 377
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
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                                                                                                        Sequence 21294, Application US/09287618 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Nucleic Acid Probe US-09-440-302-377
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1997, Application US/60229515
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
        320 CTTCTGCGGGTCGCCGG 304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   213 CTTCTGCGGGTCGCCGG 197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           231 CTTCTGCGGGTCGCCGG 215
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Best Local Similarity 100.
Matches 17; Conservative
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Best Local Similarity 100.0
Matches 17; Conservative
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                                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: Homo sapiens US-09-287-618-21294
                                                                                       US-09-287-618-21294/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-60-229-515-1997/c
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TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: CLO00319
CURRENT APPLICATION NUMBER: US/60/186,652
CURRENT FILING DATE: 2000-03-03
NUMBER OF SEQ ID NOS: 1264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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                         Indels
Pred. No. 2.1e+02;
; Mismatches 0;
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100.0%; Pred. No. 1.9e+02;
tive 0; Mismatches 0;
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100.0%; Pred. No. 1.9e+02;
Live 0; Mismatches 0;
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; ORGANIZAM: Zea mays
; OTHER INFORMATION: Clone ID: uC-zmflb73137c06bl
US-60-207-458-30820
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CURRENT FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 152403
SEQ ID NO 30820
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APPLICANT: Abad, Mark S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ruan, Yijun G.
Ruff, Thomas G.
Sammons, R. Douglas
Shukla, Hridayabhiranjan
Wu, Kunsheng
                                                                                                                                                                                                      Sequence 45, Application US/60186652 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Hardeman, Kristine J.
La Rosa, Thomas J.
Lalgudi, Raghunath V.
100.08;
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Conner, Timothy W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Shukla, Hridayabh APPLICANT: Wu, Kunsheng APPLICANT: Wu, Nanfei TITLE OF INVENTION: PLANTS FILE REFERENCE: 38-21(5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    146 cttctgcgggtcgccgg 162
                                                             1 CTTCTGCGGGTCGCCGG 17
                                                                                 77 CTTCTGCGGGTCGCCGG 61
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Best Local Similarity 100.
Matches 17; Conservative
                       17; Conservative
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Matches 17; Conservative
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  Best Local Similarity
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                                                                                                                                                           RESULT 4
US-60-186-652-45
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LENGTH: 332
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Best Local Similarity 100.0%; Matches 17; Conservative 0
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; LOCATION: (2)..(637)
US-09-548-789-5
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; ORGANISM: HUMAN
US-60-186-281-203
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GENERAL INFORMATION:
APPLICANT: BONAZZI, VIVIEN
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: CLO00300
CURRENT APPLICATION NUMBER: US/60/186,281
CURRENT FILING DATE: 2000-03-01
NUMBER OF SEQ ID NOS: 428
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 81
LENGTH: 587
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 80, Application US/60186281
GENERAL INFORMATION:
APPLICANT: BONDAZZI, VIVIEN
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
CURRENT APPLICATION: DROTE: LO00-13-01
NUMBER OF SEQ ID NOS: 428
SEQ ID NOS: 428
SEQ ID NO 80
LENGTH: 587
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                      NUMBER OF SEQ ID NOS: 2013
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                            ; NAME/KEY: misc_feature
; LOCATION: (1)...(575)
US-60-229-515-1997
    2000-09-05
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                                                                                                                                                                                                                                                                                                                                                                                                                       282 CTTCTGCGGGTCGCCGG 266
                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 100.
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                              1 CTTCTGCGGGTCGCCGG 17
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    CURRENT FILING DATE:
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; ORGANISM: HUMAN
US-60-186-281-80
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; ORGANISM: HUMAN
US-60-186-281-81
                                                                                                                                 ORGANISM: HUMAN
                                           SOFTWARE: Fast
SEQ ID NO 1997
LENGTH: 575
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US-60-186-281-80
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                                                                                                              TYPE: DNA
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100.0%; Score 17; DB 50; Length 587;

Query Match

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Sequence 203, Application US/60186281
GENERAL INFORMATION:
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: CL000300
CURRENT APPLICATION NUMBER: US/60/186,281
CURRENT FILING DATE: 2000-03-01
NUMBER OF SEQ ID NOS: 428
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 203
LENGTH: 587
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Sequence 5, Application US/09548789

Sequence 5, Application US/09548789

GENERAL INFORMATION:

APPLICANT: Exlanger, Bernard F

APPLICANT: Dong, Qinye

TITLE OF INVENTION: MANAGEMENT OF DIABETES BY STIMULATION OF THE AL

TITLE OF INVENTION: ADENOSINE RECEPTOR IN ADIPOSE TISSUE

FILE REFERENCE: 58076-A/JPW/EMW

CURRENT APPLICATION NUMBER: US/09/548,789

CURRENT FILING DATE: 2000-04-13

NUMBER OF SEQ ID NOS: 7

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 5: 7

**SOFTWARE: PATENTIN VER. 2.1
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100.0%; Pred. No. 1.9e+02;
tive 0; Mismatches 0;
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100.0%; Pred. No. 1.8e+02;
tive 0; Mismatches 0;
Pred. No. 1.9e+02;
                        0; Mismatches
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; GENERAL INFORMATION:
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                                                                                                    1 CTTCTGCGGGTCGCCGG 17
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Best Local Similarity 100.
Matches 17; Conservative
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Matches 17; Conservative
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Gaps

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Length 981;
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APPLICANT: Jacobson, Robert G
APPLICANT: Johnson, Robert G
APPLICANT: Luneau, Christopher J
APPLICANT: Salvatore, Christopher A
TITLE OF INVENTION: Method of Using Human Adenosine
TITLE OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION Belease #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/850,707A
FILING DATE: 19920013
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Panzer, Curtis C
REGISTRATION NUMBER: 33,752
RECISTRATION NUMBER: 18,701
TELEPRATION NUMBER: 18,701
TELEPRATION INFORMATION:
TELEPRATION INFORMATION:
TELEPRATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 981 base pairs
TTELE NUCLEIC ACID
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Pred. No. 1.8e+02;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-07-850-707A-20/c; Sequence 20, Application US/07850707A; GENERAL INFORMATION:
                                     NAME: Parzer, Curtis C
REGISTRATION NUMBER: 33,752
REFERENCE/DOCKET NUMBER: 18,65
TELECOMMUNICATION INFORMATION:
TELEFAX: (908)594-4720
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 981 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: Single
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CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
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Best Local Similarity 100.0
Matches 17; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            United States
                                                                                                                                                                                                                                                                                                             ; MOLECULE TYPE: CDNA US-07-850-702-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: CDNA
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Best Local Similarity
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                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Rahway
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: UR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-07-850-707A-20
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APPLICANT: Jacobson, Marlene A
APPLICANT: Johnson, RobertG
APPLICANT: Johnson, RobertG
APPLICANT: Luneau, Christopher J
APPLICANT: Salvatore, Christopher A
TITLE OF INVENTION: Human Adenosine Receptors CDNA
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEB: Merck & Co., Inc.
STREET: P.O. Box 2000
CITY: Rahway
                                                                                                                                                                                                                                                                                               COMPUTER READABLE FUNT:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/850,701
FILING DATE: 19920313
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: PREST. CURLS
REGISTRATION NUMBER: 18,700
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (908)594-3199
TELEFAX: (908)594-4720
INPORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
FUNTANT: GARL BASE DAILS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
PPLICATION UNBER: US/07/850,702
FILING DATE: 19920313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Jacobson, Marlene A
APPLICANT: Johnson, Robert G
APPLICANT: Luneau, Christopher J
APPLICANT: Salvatore, Christopher A
TILE OF INVENTION: Human Adenosine Receptors
NUMBER OF SEQUENCES: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 100.0%; Pred. No. 1.0.
Matches 17; Conservative 0; Mismatches
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 20, Application US/07850702 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Merck & Co., Inc. STREET: P.O. Box 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        672 CTTCTGCGGGTCGCCGG 656
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 981 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     United States
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COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; MOLECULE TYPE: CDNA
US-07-850-701-20
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GenCore version 4.5

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OM nucleic - nucleic search, using sw model

Run on: April 26, 2001, 17:25:31; Search time 217.85 Seconds

(vithout alignments)

21.452 Million cell updates/sec

17.11e:
18.09-093-972C-958

Sequence:
1 CTTCTGGGGGTGGCGG 17

Scoring table: IDENTITY_NUC
Gapper 10.0, Gapext 1.0

Searched: 187195 seqs, 137450115 residues

Total number of hits satisfying chosen parameters: 374390

Minimum DB seq length: 0

Maximum DB seq length: 2000000000
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1: /cgn2_6/ptodata/2/pna/PCT_NEW_COMB.seq:*
2: /cgn2_6/ptodata/2/pna/USO7_NEW_COMB.seq:*
3: /cgn2_6/ptodata/2/pna/USO7_NEW_COMB.seq:*
4: /cgn2_6/ptodata/2/pna/USO7_NEW_COMB.seq:*
5: /cgn2_6/ptodata/2/pna/USO8_NEW_COMB.seq:*
6: /cgn2_6/ptodata/2/pna/USO8_NEW_COMB.seq:*
6: /cgn2_6/ptodata/2/pna/USO8_NEW_COMB.seq:*
7: /cgn2_6/ptodata/2/pna/USO8_NEW_COMB.seq:*

Listing first 45 summaries

Maximum Match 100%

Post-processing: Minimum Match 0%

Pending_Patents_NA_New:*

Database

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Description	Sequence 961, App	2420.		2422,	2434	2421,	2433,	2423,	3005	3002,	4338	196,	2096	1, Ap	Sequence 25698, A			8122	218, 4	3505,	12319,	8547	10278	7508. A	4961		5790,
SUMMARIES	US-09-543-679A-961	US-09-543-679A-2420	-543-679A-	US-09-543-679A-2422	US-09-543-679A-2434	-09 - 543	US-09-543-679A-2433	US-09-543-679A-2423	US-09-543-679A-3005	US-09-543-679A-3002	US-09-739-449-4338	US-09-739-449-196	US-09-739-449-2096	US-09-826-205-1	US-09-540-212A-25698	US-09-724-866A-24605	US-09-739-449-3729	PCT-US01-01339-8122	US-09-739-449-218	US-09-739-449-3505	US-09-724-866A-12319	US-09-724-866A-8547	US-09-724-866A-10278	US-09-801-833-7508	US-09-739-449-4961	US-60-248-505-1385	-09-739-449-5
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Score	17	17	1,7	17	17	17	17	17	17	17	15.4	15.4	14.4	14.4	14	14	14	14		13.8	m	13.8	13.8	13.8	13.8	13.8	13.8
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Sequence 3662, Ap	Sequence 4145, Ap	Sequence 4570, Ap	Sequence 2799, Ap	Sequence 2984, Ap	Sequence 4635, Ap	Ψ,	532,	2991,	198,	Sequence 205, App	209,		_	213,	214.	Sequence 12, Appl
US-09-739-449-3662	US-09-739-449-4145	US-09-739-449-4570	US-09-739-449-2799	US-09-543-679A-2984	US-09-739-449-4635	US-60-248-505-53	US-60-248-505-532	US-09-543-679A-2991	US-09-739-449-198	US-09-739-449-205	US-09-739-449-209	US-09-739-449-212	US-09-739-449-211	US-09:-739-449-213	US-09-739-449-214	US-09-821-167-12
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13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.4
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ALIGNMENTS

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S-U3-3-3-0-3-0-3-0-1
Sequence 961, Application US/09543679A
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                             ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: EPI-0067191b TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; SEQUENCE DESCRIPTION: SEQ ID NO: 961: US-09-543-679A-961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEX: <Unknown>
INFORMATION FOR SEQ ID NO; 961:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 17 base pairs
                                                                                                                                                                                                                     3111
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
                                                                                                                                                                                                                NUMBER OF SEQUENCES: 3:
CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: CD-R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                ZIP: 08512
                         US-09-543-679A-961
RESULT
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Ouery Match

100.0%; Score 17; DB 5; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.3;
Matches 17; Conservative 0; Mismatches 0; Indels 0;

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Gaps

ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.

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RESULT
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APPLICANT: NYCE, JONATHAN W.

TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,

COMPOSITIONS, KIT & METHOD FOR TREATMENT

OF AIRRAY DISORDERS ASSOCIATED WITH

BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                          TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE, COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH
                                                                                                                                                                                                                                                                                             BRONCHOCONSTRICTION, LUNG INFLAMMATION, NUMBER OF SEQUENCES: 3111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Indels
                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
NAME: AMIZOL VIVIANA
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: N/A
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE DESCRIPTION: SEQ ID NO: 2420:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-543-679A-2432/c; Sequence 2432, Application US/09543679A; GENERAL INFORMATION:
                                                                                                                                  US-09-543-679A-2420/c
; Sequence 2420, Application US/09543679A
; GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 981 base pairs
TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: CD-R
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1 CTTCTGCGGGTCGCCGG 17
                                             1 CTTCTGCGGGTCGCCGG 17
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Best Local Similarity 100.
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Cranbury STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 08512
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Amzel, Viviana
REGISTRATION UNBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
REPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-APT-2000
CLASSIFICATION: UNKNOWN
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APPLICATION UNBER: 60/127,958
FILING DATE: 1996-08-03
ATTORNEY/AGENT INFORMATION:
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; Sequence 2422, Application US/09543679A
; GENERAL INFORMATION:
; APPLICANT: NYCE, Jonathan W.
                                                                                                                                                  COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM COMPATIBLE OPERATIONS SYSTEM: DOS SOFTWARE: N/A CURRENT APPLICATION DATA:
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TELEFAX: 413-254-9245
STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 2432:
SEQUENCE CHARACTERISTICS:
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                                                                                       ZIP: 08512
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
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                                                                    USA
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Best Local Similarity
Matches 17; Conserv
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                                                STATE: NJ
                                                                       COUNTRY:
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COUNTRY: USA
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GENERAL INFORMATION:
APPLICANT: NYCE, JOHATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                 NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFRONE: 413-254-9245
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REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
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APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                                    TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 2422:
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APPLICATION NUMBER: 60/127,958
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                                                                                                                                                            INFORMATION FOR SEQ ID NO: 2422;
SEQUENCE CHARACTERISTICS:
LENGTH: 1942 base pairs
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ATTORNEY/AGENT INFORMATION:
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INFORMATION FOR SEQ ID NO: 2434:
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
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STRANDEDNESS: single
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                                                                                                                                             TELEX: <Unknown>
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Best Local Similarity 100.
Matches 17; Conservative
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US-09-543-679A-2421/C
US-09-543-679A-2421/C
Sequence 2421, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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US-09-543-679A-2433/c
5 Sequence 2433, APPLICATION:
5 GENERAL INFORMATION:
7 APPLICANT: NYCE, Jonathan W.
7 TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
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    Length 1942;
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                                             0; Indels
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STREET: 7 Clarke Drive
CITY: Cranbury
  100.0%; Score 17; DB 5; 100.0%; Pred. No. 1.6;
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APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                           Mismatches
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SEQUENCE DESCRIPTION: SEQ ID NO: 2421:
US-09-543-679A-2421
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APPLICATION UNDRER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
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REGISTRATION NUMBER: 30,930
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TELEPHONE: 609-409-3035
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LENGTH: 2900 base pairs
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STRANDEDNESS: single
                                                                                                       1109 CTTCTGCGGGTCGCCGG 1093
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Query Match 100.
Best Local Similarity 100.
Matches 17; Conservative
                                                                                  1 CTTCTGCGGGTCGCCGG 17
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Best Local Similarity 100.
Matches 17; Conservative
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GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE, COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRMAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION, CORRESPONDENCE: 3111
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                                                                                                                       ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/09/543,679A FILING DATE: 13-Apr-2000 CLASSIFICATION: UNKNOWN
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SEQUENCE DESCRIPTION: SEQ ID NO: 2433:
                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: N/A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 2900 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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INFORMATION FOR SEQ ID NO: 2433:
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COMPUTER READABLE FORM:
MEDIUM TYPE: CD-R
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Matches 17; Conservative
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                                                                                                                                                               CITY: Cranbury
STATE: NJ
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STREET: 7 Clarke Drive
CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 17; DB 5; 100.0%; Pred. No. 1.5;
                                                                                                                      NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPE: CD-R
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFFWARE: N/A
CURRENT APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2006
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: EPI-0067191b
APPLICATION NUMBER: US/09/543,679A FILING DATE: 13-Apr-2000 CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 2423:
                                                   PRIOR APPLICATION DATA: APPLICATION NUMBER: 60/127,958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 11786 base pairs
                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 2423:
SEQUENCE CHARACTERISTICS:
LENGTH: 5962 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 3005:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                        100.08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 08512
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4988 CTTCTGCGGGTCGCCGG 4972
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 31 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.0
Matches 17; Conservative
                                                                                                                                                                                                                               TELEX: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 CTTCTGCGGGTCGCCGG 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-543-679A-3005/c
                                                                                                                                                                                                                                                                                                                                                                      US-09-543-679A-2423
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APPLICANT: Slater, Steven C.
TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
FILE REFERENCE: 38-10(1549)0.7
CURRENT APPLICATION NUMBER: US/09/739,449
PRIOR APPLICATION NUMBER: US 09/514,000
PRIOR APPLICATION NUMBER: US 09/514,000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICAWT: Hinkle, Gregory J.
APPLICAWT: Hinkle, Greyory J.
TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof FILE REFERENCE: 38-10(15490)C
CURRENT APPLICATION NUMBER: US/09/739,449
PRIOR APPLICATION NUMBER: US 09/514,000
PRIOR ELILNG DATE: 2000-02-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 196, Application US/09739449
GENERAL INFORMATION:
APPLICANT: HINLE, Gregory J.
APPLICANT: Slater, Steven C.
TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
FILE REFERENCE: 38.10(15490)C.
CURRENT APPLICATION UNMER: US/09/739,449
CURRENT FILING DATE: 2000-12-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 5; Length 63957;
                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 2352;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                               Score 15.4; DB 5;
Pred. No. 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; LOCATION: (1)..(63957); OTHER INFORMATION: unsure at all n locations US-09-739-449-196
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 15.4; DI
Pred. No. 8.1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
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                         ; Sequence 4338, Application US/09739449; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 2096, Application US/09739449 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                  ; TYPE: DNA
; ORGANISM: Agrobacterium tumefaciens
US-09-739-449-4338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Agrobacterium tumefaciens
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94.1%;
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94.1%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1155 CTTCTGCGGGTTGCCGG 1139
                                                                     APPLICANT: Hinkle, Gregory J.
                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 13351
SEQ ID NO 4338
LENGTH: 2352
                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 90.6'
Best Local Similarity 94.1'
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 13351
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Best Local Similarity 94.1
Matches 16; Conservative
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  US-09-739-449-4338/C
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US-09-739-449-196/c
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APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                                                    100.0%; Score 17; DB 5; Length 11786; 100.0%; Pred. No. 1.4;
                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr.-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                0; Mismatches
                STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 3005:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; SEQUENCE DESCRIPTION: SEQ ID NO: 3002: US-09-543-679A-3002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 3002, Application US/09543679A GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 117608 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 3002: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 413-254-9245
TELEX: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                               Db 10953 CTTCTGCGGGTCGCCGG 10937
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Db 30222 CTTCTGCGGGTCGCCGG 30206
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 08512
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                          1 CTTCTGCGGGTCGCCGG 17
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                                                                                                                                                                      Local Similarity 100.
nes 17; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: N/A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE:
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Best Local Similarity
Matches 17; Conserv
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                                                                                 US-09-543-679A-3005
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Matches
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Sequence 25698, Application US/09540212A
GENERAL INFORMATION:
APPLICANT: Seilhamer, Jeffrey J.
APPLICANT: Delegeane, Angelo M.
APPLICANT: Stuve, Laura L.
APPLICANT: Mughton, Rebecca E.
APPLICANT: Mulahy, Sara J.
APPLICANT: Mulahy, Sara J.
APPLICANT: Mulahy, Sara J.
APPLICANT: Mulahy, Sara J.
APPLICANT: Now Hour Control Cont
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Pred. No. 31;
0; Mismatches 1; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 14
US-09-826-205-1/C
; Sequence 1, Application US/09826205
; GENERAL INFORMATION:
; APPLICANT: Schmidt, Thomas, M.;
; APPLICANT: Stoddard, Steven, F.;
; TILLE OF INVENTION: An Endogenous Ketogulonigenium Plasmid;
; FILE REFERENCE: 1533.0950001
; CURRENT APPLICATION NUMBER: US/09/826,205
; CURRENT FILING DATE: 2001-04-05
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                               Length 657;
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                                                                                                                                                                                                                                                                                                                                                                                      1; Indels
                                                                                                                                                                                                                                                                                                                   DB 5;
                                                                                                                                                                                                                                                                                                           Score 14.4; DB:
Pred. No. 38;
0; Mismatches
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; OTHER INFORMATION: Incyte ID No: hu00236544
US-09-540-212A-25698
                                                                                                                          ; TYPE: DNA
; ORGANISM: Agrobacterium tumefaciens
US-09-739-449-2096
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                84.78;
93.88;
                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 93.8%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Db 2243 TTCTGCGGTGCCGG 2228
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA; ORGANISM: Ketogulonigenium US-09-826-205-1
NUMBER OF SEQ ID NOS: 13351
SEQ ID NO 2096
LENGTH: 657
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 84.7
Best Local Similarity 93.8
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 TTCTGCGGGTCGCCGG 17
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
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LENGTH: 8509
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GenCore version 4.5 Copyright (c) 1993 - 2000 Compugen Ltd.
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OM nucleic - nucleic search, using sw model
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April 26, 2001, 15:31:49; Search time 11829.6 Seconds (Without alignments) 6.602 Million cell updates/sec Run on:

US-09-093-972C-959 15 Perfect score:

1 recreecerrerec 15 Scoring table: Sequence:

13168883 seqs, 2603265903 residues IDENTITY_NUC Gapop 10.0 , Gapext 1.0 Searched:

26337766 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database

1. /cgn2_6/ptodata/2/pna/PCTUS_COMB.seq:*
22. /cgn2_6/ptodata/2/pna/USO6_COMB.seq:*
33. /cgn2_6/ptodata/2/pna/USO6_COMB.seq:*
4. /cgn2_6/ptodata/2/pna/USO8_COMB.seq:*
4. /cgn2_6/ptodata/2/pna/USO8_COMB.seq:*
5. /cgn2_6/ptodata/2/pna/USO8_COMB.seq:*
6. /cgn2_6/ptodata/2/pna/USO8_COMB.seq:*
7. /cgn2_6/ptodata/2/pna/USO9_COMB.seq:*
7. /cgn2_6/ptodata/2/pna/USO9_COMB /cgn2_6/ptodata/2/pna/US6004_COMB.seq:*
/cgn2_6/ptodata/2/pna/US6004_COMB.seq:*
/cgn2_6/ptodata/2/pna/US6005_COMB.seq:*
/cgn2_6/ptodata/2/pna/US6007_COMB.seq:*
/cgn2_6/ptodata/2/pna/US6008_COMB.seq:*
/cgn2_6/ptodata/2/pna/US6008_COMB.seq:*
/cgn2_6/ptodata/2/pna/US6001_COMB.seq:*
/cgn2_6/ptodata/2/pna/US6011_COMB.seq:* Pending_Patents_NA_Main:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	959,	equence 302, Ap	4029, Ap	4029,	029,	4029,	ednence	24972,	1339,	eduence 918,		equence 3303,	Sequence 24302, A	338	5358,	24952	351,	2497	2499	, 99	3437	3276	2499	397	Sequence 488, App	488		5324,	24974,	24957	45, Ap	equence 24	Sequence 93500 A	682	equence	8205,	equence 21294	equence 972,	equence 377,	44551,	
SUMMARIES	QI	093-972C-99	S-09-534-843-207	-08-346-731-4029	-08-420-856-4029	08-420-856A-40	-08-420-856-4029	-08-903-472-1339	S-09-534-843-249	S-60-023-388-133	S-09-041-895-91	S-60-022-912-918	3-08-903-409-3363	60-03-346-60	5-09-035-172-33	S-08-885-220B-535	S-09-534-843-24	S-08-768-900-351	S-09-534	S-09-534-843-2499	s-60-017-556-66	S-09-294-086A-3	S-60-084-492-3276	5-09-534-843-24	-09-00-047-39	2-09-540	S-60-042-356-488	S-09-534-843-24	S-09-065-511-53	S-09-534	S-09-534-843-2495	S-60-186-652-45	771-588-24	S-09-17-17-60-8	8-09-560-862-682	S-09-306-609-820	S-09-522-251-82	S-09-287-618-212	S-09-523	S-09-440-302-377	S-09-359-067-4	-478-573
	DB	14	202	7	æ	ω.	ထ	13	20	M.	14	4.0	ן כ	34	14	12	20	11	50	50	ω, ω,	97	0 4	?;	4 -	7.7	36	20	14	20	20	200	ر ا	1 1	22	17	13	16	19	18	17	30
	Length	15	115	130	130	130	130	207	207	207	225	222	077	226	233	238	238	251	251	255	255	720	256	1/7	0/7	279	279	281	290	290	306	332	350	366	375	392	392	393	408	414	418	426
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	Score	15	12	15	15	15	15	15	15	15	CT	J 1	7 1	15	15	15	15	15	15	15	15	CT	15	15	15	15	15	15	15	15	15	17	C 1 L	15	15	15	15	15	15	15	15	15
Result	NO.	1 2		c 4				30 (,	T 0	7.	13	7.	15	16	17	18	19	20	77	N (C 73	N (67	070	200	29	30	31	32	ייי ני ניט נ	4.0	C 4	ייי נ	38	m	40	c 41	42		44	45

ALIGNMENTS

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Sequence 959, Application US/09093972C
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
A TREATHENT OF DISBASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: MULTIPLE TARGET HYBRIDIZING COMPOSITION FORMULATIONS, KITS & APPLICATIONS NUMBER OF SEQUENCES: 2419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 15; DB 14; Length 15; 100.0%; Pred. No. 1.3e+03; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFFWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                            ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1095
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/POCKET NUMBER: EPI-00672
TELECOMUNICATION INFORMATION:
TELEPHONE: 609-409-3335
TELEFRAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/09/093,972C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 959:
US-09-093-972C-959
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-509-152A-962; Sequence 962, Application US/09509152A GENERL INFORMATION: APPLICANT: NYCE, JONATHAN W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 09-Jun-1998
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 959:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                              NUMBER OF SEQUENCES: 996
                                                                                                                                                                                                                                                                           CITY: Cranbury
STATE: New Jersey
COUNTRY: USA
                                                                                                                                                                                                       CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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Best Local Similarity
Matches 15; Conserv
US-09-093-972C-959
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Matches
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APPLICANT: Sellammer, Jeffrey J.
APPLICANT: Belegeane, Angelo M.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuart, Laura L.
APPLICANT: Stuart, Laura L.
APPLICANT: Mullahy, Sara J.
APPLICANT: Mullahy, Sara J.
APPLICANT: Mullahy, Sara J.
APPLICANT: Naughton, Rebecca E.
TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING OR REGULATING SIGNAL TRANSDUCTION MOFILE REPERENCE: D1-1007 CIP
CURRENT APPLICATION NUMBER: US/09/534,843
CURRENT FILING DATE: 2000-03-24
Prior application data removed - refer to PALM or file wrapper
NUMBER OF SEQ ID NOS: 49783
SOFTWARE: PERL PROGRAM
SEQ ID NO 20714
LENGTH: 115
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              ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 CLARKE DRIVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 15; DB 19;
100.0%; Pred. No. 1.3e+03;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                          SOFTWARE: ASCII.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,152A
FILING DATE: 17-MAT-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No: hu01238339
US-09-534-843-20714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 962:
                                                                                                                                                                                                                                                                                                                                                          ; Sequence 20714, Application US/09534843; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                             MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 962:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                   ZIP: 08512
COMPUTER READABLE FORM:
CORRESPONDENCE ADDRESS:
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                                                                 CITY: CRANBURY
                                                                                                              COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                      STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-534-843-20714/C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-509-152A-962
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APPLICANT: Rosen, Craig A.
APPLICANT: Ruben, Steve M.
APPLICANT: Ruben, Steve M.
APPLICANT: Dillon, Patrick J.
APPLICANT: Li, Haodong
APPLICANT: Haseltine, William A.
APPLICANT: Haseltine, William A.
CORRESPONDENCE: 12477
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart, & Olstein
                                             Gaps
                                           ;
         Length 115;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 15; DB 7; Length 130; 100.0%; Pred. No. 1.5e+03;
                                         0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage COMPOTER: HP Vectra 486/33 OPERATUR SYSTEM: MSDOS version 6.2 SOFTWARE: ASCII Text
       100.0%; Score 15; DB 20; 100.0%; Pred. No. 1.5e+03;
                                           Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/346,731
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 4029, Application US/08420856 GENERAL INFORMATION: APPLICANT: Rosen, Craig A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Benson, Bob
REGISTRATION NUMBER: 30,446
REGISTRATION NUMBER: P016
TELECOMMUNICATION INFORMATION:
TELEPAX: (301) 309-8504
TELEPAX: (301) 309-8512
INFORMATION FOR SEQ ID NO: 4029:
SEQUENCE CHARACTERISTICS:
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Ouery Match
Best Local Similarity 100."
Matches 15; Conservative
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                            77 TGCTGGGCTTGTGGC 63
                                                                           1 TGCTGGGCTTGTGGC 15
                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                        STATE: Maryland
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US-08-420-856-4029/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 20850
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                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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                                                                                                          Db
                                                                             δ
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APPLICANT: Ruben, Steven
APPLICANT: Ruben, Steven
APPLICANT: Dillon, Patrick J.
APPLICANT: Li, Haodong
APPLICANT: Li, Haodong
APPLICANT: Haseltine, William A.
TITLE OF INVENTION: Human Genes, Sequences, and Expression Products
NUMBER OF SEQUENCES: 12479
CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            .
0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
COMPUTER: HP VECTER 486/33
OPERATIOS SYSTEM: MSDOS VERSION 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage COMPUTER: PP Vectra 486,33
OPERATING SYSTEM: MSDOS version 5.0
SOFTWARE: ASCIT Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/420,856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US/08/420,856A
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                                                                                                                                                                                                                                                                                                                                                 ATTORNEY AGENT INFORMATION:
NAME: Olstein, Elliot
REGISTRATION UNDRER: 24,025
REFERENCE/DOCKET NUMBER: 3258
TELECOMMUNICATION INFORMATION:
TELEPHONE: (201) 994-1700
INFORMATION FOR SEQ ID NO: 4029:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/4. PILING DATE: April 12, 1995
STREET: 6 Becker Farm Road
CITY: Roseland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 130 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.
Matches 15; Conservative
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                                                                                                                                                                                                                                                                  CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 TGCTGGGCTTGTGGC 15
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                                       New Jersey
: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TOPOLOGY: linear
US-08-420-856-4029
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STATE: Maryland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 6
US-08-420-856A-4029/c
                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                   FILING DATE:
                                                                            07068
                                       STATE: N
COUNTRY:
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ATTORNEY/AGENT INFORMATION:

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CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
                              US-08-903-472-1339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 94304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-903-472-1339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Li, Hacolong
APPLICANT: Li, Hacolong
APPLICANT: Rosen, Craig A.
APPLICANT: Rosen, Craig A.
APPLICANT: Rosen, Steven M.
TITLE OF INVENTION: Human Genes, Sequences, and Expression Products 16.2
FILE REFERENCE: PO-16.2
CURRENT APPLICATION NUMBER: US/08/420,856C
CURRENT FILING DATE: 1995-04-12
EARLIER APPLICATION NUMBER: 08/346,731
NUMBER OF SEQ ID NOS: 12485
SOFTWARE: PatentIn Ver. 2.0
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0
                                                                                                                                                                                                                                                                                                                     Length 130;
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                                                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                                 Query Match 100.0%; Score 15; DB 8; L
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION: n equals a, t, g, or c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 4029, Application US/08420856C APREAL. INFORMATION:
APPLICANT: Dillon, Patrick J.
APPLICANT: Haseltine, William A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: n equals a,t,g, or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ) OTHER INFORMATION: n equals a,t,g, or US-08-420-856-4029
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: n equals a,t,g, or
                                             PO-16.2
NAME: Kenley K. Hoover
REGISTRATION NUMBER: 40,302
REFERENCE/DOCKET NUMBER: 90-16
TELECOMUNICATION INFORMATION:
TELEPAN: (301) 309-8504
TELEPAN: (301) 309-8439
INFORMATION FOR SEQ ID NO: 4029:
SEQUENCE CHARACTERISTICS:
LENGTH: 130 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                          ,
0
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Best Local Similarity ·100.0%;
Matches 15; Conservative 0
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                                                                                                                                                                                                                                                                                                                                                                                                 1 TGCTGGGCTTGTGGC 15
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LOCATION: (45)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc feature LOCATION: (128)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 7
US-08-420-856-4029/c
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US-08-420-856A-4029
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Sequence 24972, Application US/09534843
GENERAL INFORMATION:
APPLICANT: Sellamer, Jeffrey J.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuart, Laura L.
APPLICANT: Mulahy, Sara J.
APPLICANT: Naughton, Rebecca E.
APPLICANT: Naughton, Rebecca E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
Sequence 1339, Application US/08903472

GENERAL INFORMATION:
APPLICANT: Scuor, Laura L.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuart, Susan G.
APPLICANT: Akerblom, Ingrid E.
APPLICANT: Naughton, Rebecca E.
APPLICANT: Manghton, Rebecca E.
APPLICANT: Klingler, Tod M.
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM
TITLE OF INVENTION: ADBNOCARCINOMA OF THE LIVER
NUMBER OF SEQUENCES: 1796
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ô
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/903,472
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 15; DB 13;
100.0%; Pred. No. 1.5e+03;
.ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: INCYTE PHARMACEUTICALS, INC. STREET: 3174 PORTER DRIVE CITY: PALO ALTO STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: CERRONE, MICHAEL C., Ph.D.
REGISTRATION NUMBER: 39132
REPERENCE/DOCKET NUMBER: PD-0220P
TELEPHONE: (415) 855-0555
TELEPHONE: (415) 845-4166
INFORMATION FOR SEQ ID NO: 1339:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA: APPLICATION NUMBER: 60/023,388
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 207 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 100.
Best Local Similarity 100.
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 TGCTGGGCTTGTGGC 15
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MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
CLONE: 1754624
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM:
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Length 207; Indels

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APPLICANT: Stuve, Laura L.
APPLICANT: Stuve, Laura L.
APPLICANT: Stuver, Susan G.
APPLICANT: APPLICANT: ARerblom, Ingrid E.
APPLICANT: APPLICANT: Angelo M.
APPLICANT: Naughton, Rebecca E.
APPLICANT: Klingler, Tod M.
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM NUMBER OF SEQUENCES: 2937
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
                                                                                                                                                                                                                                       100.0%; Score 15; DB 34;
100.0%; Pred. No. 1.5e+03;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INCYTE PHARMACEUTICALS, INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/041,895
FILING DATE: Herewith
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/022,912
FILING DATE: August 1, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     08/905,278
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NAME: CERRONE, MICHAEL C.
REGISTRATION NUMBER: 39.132
REFERENCE/DOCKET NUMBER: PD-0
TELECOMMUNICATION INFORMATION:
TELEPPHONE: (650) 855-0555
TELEPHONE: (650) 845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gooding, Douglas H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/905,
FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 3174 PORTER DRIVE CITY: PALO ALTO STATE: CALIFORNIA COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 225 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                           Ouery Match 100.1
Best Local Similarity 100.1
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                      42 TGCTGGGCTTGTGGC 56
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MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
CLONE: 1669727
                                                                                                         ; CLONE: 1754624
US-60-023-388-1339
                                                                                IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 94304
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US-09-041-895-918
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US-09-041-895-918
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
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APPLICANT: Stuve, Laura L.
APPLICANT: Stuve, Laura Y.
APPLICANT: Ito, Laura Y.
APPLICANT: Delegeane, Angelo M.
APPLICANT: Nelegeane, Angelo M.
APPLICANT: Naughton, Rebecca E.
APPLICANT: Ringler, Tod M.
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM TITLE OF INVENTION: ADDINOCARCINOMA OF THE LIVER
NUMBER OF SEQUENCES: 1796
CURRENT APPLICATION NUMBER: US/09/534,843
CURRENT APPLICATION NUMBER: US/09/534,843
CURRENT FILING DATE: 2000-03-24
Prior application data removed - refer to PALM or file wrapper NUMBER OF SEQ ID NOS: 49783
SOFTWARE: PERL Program
SEQ ID NO 24972
TUBUSTH: 207
TYPE: FOR THE PROGRAM TO THE T
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFFWARE: World Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION NUMBER: US/60/023,388
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 100.0%; Score 15; DB 20; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 15; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No: hu00059009
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ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: a, t, c, g, or other US-09-534-843-24972
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: CERRONE, MCHAEL C., Ph.D.
REGISTRATION NUMBER: 39132
REFERENCE/DOCKET NUMBER: PD-0220P
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 1339, Application US/60023388
GENERAL INFORMATION:
APPLICANT: Gooding, Douglas H.
APPLICANT: Stuve, Laura L.
APPLICANT: Stuart, Susan G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (415) 845-4166
INFORMATION FOR SEQ ID NO: 1339:
SEQUENCE CHARACTERISTICS:
LENGTH: 207 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 recreederrerece 15
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                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: unsure
LOCATION: 126
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100.0%; Score 15; DB 14; Length 225;
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APPLICANT: Klingler, Tod M.
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM
TITLE OF INVENTION: HUMAN PROSTATE
NUMBER OF SEQUENCES: 4484
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Scilhamer, Jeffrey J.
APPLICANT: Delegeane, Angelo M.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuve, Laura L.
APPLICANT: Mullahy, Sara J.
APPLICANT: Naughton, Rebecca E.
TITLE OF INVENTION: POLYNUCLEOTIDES OF MALE REPRODUCTIVE TISSUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         .;
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MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: DEP Competible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/903,469
FLING DATE: HEREWITH
CLASSIFICATION DATA:
APPLICATION NUMBER: 60/023,339
FLING DATE: JULY 30, 1996
CLASSIFICATION DATA:
APPLICATION NUMBER: 60/033,755
FILING DATE: DECEMBER 19, 1996
CLASSIFICATION NUMBER: 060/033,755
FILING DATE: DECEMBER 19, 1996
CLASSIFICATION NUMBER: 060/033,755
FILING DATE: DECEMBER 19, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 15; DB 13; 100.0%; Pred. No. 1.5e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: CERRONE, MICHAEL C.
REGISTRATION NUMBER: 39,132
REFERENCE/DOCKET NUMBER: PD-0290 US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 24582, Application US/09540208
GENERAL INFORMATION:
APPLICANT: Seilhamer, Jeffrey J.
APPLICANT: Delegeane, Angelo M.
                                     Ito, Laura Y.
Akerblom, Ingrid E.
Delegeane, Angelo M.
Naughton, Rebecca E.
Klingler, Tod M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (415) 855-0555
TELEFAX: (415) 845-4166
INFORMATION FOR SEQ ID NO: 3363:
                  Stuart, Susan G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 226 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.0
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 TGCTGGGCTTGTGGC 15
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                                                                                                                                                                                                                                                                                    PALO ALTO
CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          IMMEDIATE SOURCE:
CLONE: 1710532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-540-208-24582
                                                                                                                                                                                                                                                                                                                                                   ZIP: 94304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; CLONE: 171
US-08-903-469-3363
                                                                             APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                         STATE:
                                   ö
                                                                                                                                                                                                                                                                                      APPLICANT: Stuve, Laura L.
APPLICANT: Stuart, Susan G.
APPLICANT: Ito, Laura Y.
APPLICANT: Arerblom, Ingrid E.
APPLICANT: Naughton, Rebecca E.
APPLICANT: Naughton, Rebecca E.
APPLICANT: Klingler, Tod M.
APPLICANT: Klingler, Tod M.
TITLE OF INVENTION: POLYNUCLECTIDES AND POLYPEPTIDES DERIVED FROM TITLE OF SEQUENCES: 1537
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ;
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                            0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER REDABLE FORM:
MEDIUM TYPE: Floppy disk.
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/60/022,912
         Pred. No. 1.5e+03;
                            Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: CERRONE, MICHAEL C., Ph.D.
REGISTRATION NUMBER: 3913.2
REFERENCE/DOCKET NUMBER: PD-0218P
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 855-0555
TELERAX: (415) 845-4166
INFORMATION FOR SEQ ID NO: 918:
SEQUENCE CHARACTERISTICS:
LENGTH: 225 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 3363, Application US/08903469
GENERAL INFORMATION:
APPLICANT: Gooding, Douglas H.
APPLICANT: Stuve, Laura L.
                                                                                                                                                                                                                            Sequence 918, Application US/60022912 GENERAL INFORMATION:
Best Local Similarity 100.0%; P: Matches 15; Conservative 0;
                                                                                                                                                                                                                                                                      Gooding, Douglas H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 100.
Matches 15; Conservative
                                                                 1 TGCTGGGCTTGTGGC 15
                                                                                        1111111111111
26 TGCTGGGCTTGTGGC 40
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MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
CLONE: 1669727
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     94304
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APPLICANT:
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US-60-023-399-993

US-60-023-39-993

Sequence 993, Application US/60023339

Sequence 993, Application US/6002339

Sequence 993, Application US/6002339

Sequence 993, Application

APPLICANT: Gooding, Douglas H.

APPLICANT: Stuart, Susan G.

APPLICANT: Akerblom, Ingrid E.

APPLICANT: Nelson M.

APPLICANT: Ringler, Tod M.

APPLICANT: Ringler, Tod M.

TITLE OF INVENTION: HUMAN PROSTATE

NUMBER OF SEQUENCES: 5752

CORRESPONDENCE ADDRESS:

ADDRESSEE: INCYTE PHARMAGEUTICALS, INC.

STREET: 3174 PORTER DRIVE

COUTY: PALO ALTO

STATE: CALIFORNIA

COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                    0
CURRENT APPLICATION NUMBER: US/09/540,208
CURRENT FILING DATE: 2000-03-31
Prior application data removed - refer to PALM or file wrapper NUMBER OF SEQ ID NOS: 70811
SOFTHARE: PERL Program
SEQ ID NO 24582
LENGTH: 226
                                                                                                                                                                                                                                                                                                                                       100.0%; Score 15; DB 21; Length 226; 100.0%; Pred. No. 1.5e+03;
                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER FEADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: TBM PC COMPASION
COMPUTER: WORD PERFECT 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/60/023,339
                                                                                                                                                                                                           ; FEATURE:
; NAMME/KEY: misc_feature
. OTHER INFORMATION: Incyte ID No: hu00233207
US-09-540-208-24582
                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATOCNEY AGENT INFORMATION:
NAME: CERRONE, MICHAEL C., Ph.D.
REGISTATION NUMBER: 39132
REFERRNCE/DOCKET NUMBER: Pp.0199P
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 855-0555
TELEPHONE: (415) 845-4166
INFORMATION FOR SEQ ID NO: 993:
SEQUENCE CHARACTERISTICS:
LENGTH: 226 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.'
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                           1 recreecerrerec 15
                                                                                                                                                                TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
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us-09-093-972c-959.rnpn

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962, App
2420, Ap
2422, Ap
2424, Ap
2421, Ap
2421, Ap
2423, Ap
2423, Ap
7593, Ap
7592, Ap
3005, Ap
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8040, Ap
2264, Ap
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52327, A
                                                                                        (without alignments)
18.928 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 962,
Sequence 2420,
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Sequence 7
Sequence 7
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                                                                           April 26, 2001, 17:25:35 ; Search time 217.85 Seconds
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Sequence
Sequence
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(cgn2_6/ptodata/2/pna/PCT_NEW_COMB.seq:*

(cgn2_6/ptodata/2/pna/US06_NEW_COMB.seq:*

(cgn2_6/ptodata/2/pna/US08_NEW_COMB.seq:*

(cgn2_6/ptodata/2/pna/US08_NEW_COMB.seq:*

(cgn2_6/ptodata/2/pna/US08_NEW_COMB.seq:*

(cgn2_6/ptodata/2/pna/US09_NEW_COMB.seq:*

(cgn2_6/ptodata/2/pna/US09_NEW_COMB.seq:*
             Compugen Ltd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-543-679A-962

US-09-543-679A-2420

US-09-543-679A-2422

US-09-543-679A-2422

US-09-543-679A-2423

US-09-543-679A-2423

US-09-543-679A-2423

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US-09-543-679A-3002

US-09-543-679A-3002

US-09-540-212A-3261

US-09-540-212A-3261

US-09-540-212A-3261

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US-09-540-212A-3261

US-09-540-212A-3261

US-09-540-212A-3281

US-09-540-212A-3381

US-09-540-212A-3381
                                                                                                                                                                                                                                                  hits satisfying chosen parameters:
GenCore version 4.5
Copyright (c) 1993 - 2000 Comp
                                                                                                                                                                                                                        187195 seqs, 137450115 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SUMMARIES
                                                                                                                                                                                                                                                                                                                Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                    nucleic search, using sw model
                                                                                                                                                                                   IDENTITY_NUC Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 2000000000
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Match Length
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771
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                                                                                                                                               Perfect score:
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                                                                               Run on:
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1548, Ap
1891, Ap
1463, Ap
2113, Ap
1843, Ap
2668, Ap
2669, Ap
2670, Ap
3, Appl1,
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AP
AP
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                                  Sequence 22, App
Sequence 1891, A
Sequence 1463, A
Sequence 2113, A
Sequence 2668, A
Sequence 2669, A
Sequence 2669, A
Sequence 2670, A
Sequence 3770, A
                                                                                                                                                                                                     Sequence 5951,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                               Sequence 962, Application US/09543679A
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                       Sequence Sequence Sequence
Sequence
Sequence
Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ;
0
        US-09-739-449-2360
US-09-739-449-2360
US-09-823-356-22
US-60-248-505-1548
US-60-248-505-14831
US-60-248-505-1463
US-09-784-505-1463
US-09-543-679A-2668
US-09-543-679A-2670
US-09-543-679A-2670
US-09-543-679A-2670
US-09-543-679A-2670
US-09-543-679A-2670
US-09-543-679A-2671
US-09-543-679A-2671
US-09-543-679A-2671
US-09-543-679A-2671
US-09-543-679A-2671
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PCT-US01-01339-5951
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-APT-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TOPOLOGY: linear ; SEQUENCE DESCRIPTION: SEQ ID NO: 962: US-09-543-679A-962
                                                                                                                                                                                                                                           ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 15; 100.0%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 962:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 31 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: CD-R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 100.
Best Local Similarity 100.
Matches 15; Conservative
 539
601
601
1034
11504
22174
22174
3229
3922
4199
55444
8971
115087
115087
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 08512
                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
 US-09-543-679A-962
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59881, A 3381, Ap

Sequence

Seguence

Sequence

US-09-442-385-867 US-08-276-163D-9452

US-08-276-163D-1579 US-08-276-163D-3041 US-08-276-163D-597

Sequence

Sequence Sequence

Αb

Sequence

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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
               STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEX: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 100.
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
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                                                                                                                                                                                                          SOFTWARE: N/A
                                                                                COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: N/A
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                                                            STATE: NJ
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                                                                                                                                               Sequence 2420, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLECTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLECTIDE, COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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STREET: 7 Clarke Drive
CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
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**APPLICATION NUMBER: 60/127,958

**FILING DATE: 1998-08-03

**ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
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GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 981 base pairs
TYPE: nucleic acid
STRANDENESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 100.
Best Local Similarity 100.
Matches 15; Conservative
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        1 TGCTGGGCTTGTGGC 15
                              1 TGCTGGGCTTGTGGC 15
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COUNTRY: U
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TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE, COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                 FILING DATE: 1998-08-03

ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
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APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 2432:
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                                                                                                                                                                                                                 PRIOR APPLICATION DATA: APPLICATION NUMBER: 60/127,958
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; APPLICANT: NYCE, Jonathan W.
                                                  COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 981 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 2432:
                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 413-254-9245
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COMPUTER READABLE FORM:
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                           MEDIUM TYPE: CD-R
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FILING DATE: 1998-08-03

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100.0%; Score 15; DB 100.0%; Pred. No. 32;
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INFORMATION FOR SEQ ID NO: 2421:
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                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 3111 CORRESPONDENCE ADDRESS:
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                                                              Conservative
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Matches 15; Conservative
                                                                                                        1 TGCTGGGCTTGTGGC 15
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                     Query Match
Best Local Similarity
Matches 15; Conserv
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GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                                                                                                                                                                                                                                                                                                                   0; Indels
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STREET: 7 Clarke Drive
                                                        REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFRAX: 413-254-9245
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REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
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APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 15; DB
100.0%; Pred. No. 32;
live 0; Mismatches
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SEQUENCE DESCRIPTION: SEQ ID NO: 2422:
US-09-543-679A-2422
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APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                   NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM COMPATIBLE OPERATING SYSTEM: DOS SOFTWARE: N/A
                                                                                                                                      TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2422:
SEQUENCE CHARACTERISTICS:
LENGTH: 1942 base pairs
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
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STRANDEDNESS: single
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COMPUTER READABLE FORM:
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Best Local Similarity 100.
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Db 1239 TGCTGGGCTTGTGC 1225
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 TGCTGGGCTTGTGGC 15
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US-09-543-679A-2434/c
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Gaps
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APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
TITLE OF INVENTION: LOW ADENOSITY
OF ALRANY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 2433, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
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5; Length 1942;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                              0; Mismatches
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FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
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RESULT 10
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US-09-543-679A-2423/C
US-09-543-679A-2423, Application US/09543679A

SEQUENCE 2423, Application US/09543679A

GENERAL INFORMATION:

APPLICANT: NYCE, Jonathan W.

TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,

COMPOSITIONS, KIT & METHOD FOR TREATMENT

OF AIRWAY DISORDERS ASSOCIATED WITH
COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 15; DB 5; Length 2900; 100.0%; Pred. No. 33; ive 0; Mismatches 0; Indels
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STREET: 7 Clarke Drive
                                                                                                                 ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
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SEQUENCE DESCRIPTION: SEQ ID NO: 2433:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 60,127,958
APPLICATION NUMBER: 60,127,958
FILING DATE: 1998-08-03
ATTORNEY/ABENT INFORMATION:
NAME: AMZEL, VIVIANA
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                 COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
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INFORMATION FOR SEQ ID NO: 2433:
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STRANDEDNESS: single
                                                                      NUMBER OF SEQUENCES: 3111
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                                                                                                                                                                                                                        ZIP: 08512
COMPUTER READABLE FORM:
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                                                                                              CORRESPONDENCE ADDRESS
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Matches 15; Conservative
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STATE: NJ
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STATE: NJ
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PCT-US01-01339-7593/C
Sequence 7593, Application PC/TUS0101339
Sequence 7593, Application PC/TUS0101339
SEGNERAL INFORMATION:
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC006PCT
CURRENT APPLICATION NUMBER: PCT/US01/01339
CURRENT FILING DATE: 2001-03-17
NUMBER OF SEQ ID NOS: 10231
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 7593
LENGTH: 9431
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Sequence 7592, Application PC/TUSO101339

GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc., et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC006PCT
CURRENT APPLICATION UNBER: PCT/USO1/01339
CURRENT FILICATION UNBER: Q201-03-17
NUMBER OF SEQ ID NOS: 10231
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 7592
LENGTH: 9434
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                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: EPI-0067191b TELECOMMUNICATION INFORMATION:
APPLICATION NUMBER: US/09/543,679A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
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                    FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
                                                                                                    FILING DATE: 1998-08-03
ATTORREY/AGENT INFORMATION:
NAME: Anzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                           TELEX: CURKNOWN>
INFORMATION FOR SEQ ID NO: 2423:
SEQUENCE CHARACTERISTICS:
LENGTH: 5962 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                     TELEPHONE: 609-409-3035
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Best Local Similarity 100.1
Matches 15; Conservative
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Best Local Similarity
Matches 15; Conserv
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TYPE: DNA ORGANISM: Homo sapiens
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  GENERAL INFORMATION:
                                                                                                                                                                                                                     STATE: NJ
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LENGTH: 279
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                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                              Sequence 3005, Application US/09543679A
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADDROSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRMAY DISORDERS ASSCRATED WITH
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                                                                                             Query Match
100.0%; Score 15; DB 1; Length 9434;
Best Local Similarity 100.0%; Pred. No. 33;
Matches 15; Conservative 0; Mismatches 0; Indels
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
RAPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr.-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pred. No. 33;
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SEQUENCE DESCRIPTION: SEQ ID NO: 3005:
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FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-543-679A-3002/c; Sequence 3002, Application US/09543679A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 11786 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 3005: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 3111
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US01-01339-7592
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Best Local Similarity
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US-09-543-679A-3005/c
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Gaps
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GENERAL INFORMATION:
APPLICANT: Seilhamer, Jeffrey J.
APPLICANT: Delegame, Angelo M.
APPLICANT: Stuart, Susan G.
APPLICANT: Mullahy, Sara J.
APPLICANT: Mullahy, Sara J.
APPLICANT: Mullahy, Sara J.
APPLICANT: POUGENT Rebecca E.
TITLE OF INVENTION: POLYUCLEOTIDES OF AIRWAY AND LUNG SYSTEM TISSUE
FILE REFERENCE: PD-1034 CIP
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
                                                 COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                   ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/543,679A FILING DATE: 13-Apr-2000 CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 3002: US-09-543-679A-3002
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NUMBER OF SEQ ID NOS: 67551
SOFTWARE: PERL PROGram
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APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 117608 base pairs
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STRANDEDNESS: single
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                                                                                                                         NUMBER OF SEQUENCES: 3111 CORRESPONDENCE ADDRESS:
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Matches 15; Conservative
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NAME/KEY: unsure

: LOCATION: 4, 85, 115, 118, 146, 148, 153, 172, 177, 186, 202, 206, 216, 225, 242,

: LOCATION: 245, 272,

: LOCATION: 274

: OTHER INFORMATION: a, t, c, g, or other

US-09-540-212A-32611
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GENERAL INFORMATION:
APPLICANT: HINKLe, Gregory J.
APPLICANT: Stater, Steven C.
TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
FILE REFERENCE: 38-10(15490)C
CURRENT APPLICATION NUMBER: US/09/739,449
CURRENT APPLICATION NUMBER: US 09/514,000
PRIOR FILING DATE: 2000-02-23
NUMBER OF SEQ ID NOS: 13351
SEQ ID NO 8040
LENGTH: 771
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Pred. No. 1e+02;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                           FORTOWER THE REFERENCE: PCTUSO101339

SEQUENCE 285, Application PC/TUSO101339

SEQUENCE 285, Application PC/TUSO101339

SEQUENT: Human Genome Sciences, Inc., et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILER REFERENCE: PCO66PCT

CURRENT APPLICATION NUMBER: PCT/USO1/01339

CURRENT FILING DATE: 2001-03-17

NUMBER OF SEQ ID NOS: 10231

SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                93.3%; Score 14; DB 1; Length 381; 93.3%; Pred. No. 1e+02; tive 0; Mismatches 1; Indels
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No: hu00325335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: SITE
LOCATION: (345)
OTHER INFORMATION: n equals a,t,g, or c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: (320)
OTHER INFORMATION: n equals a,t,g, or c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: n equals a,t,g, or c
                                                                                                                                                                                                                      93.3%;
93.3%;
                                                                                                                                                                                                                Query Match
Best Local Similarity 93.33
Matches 14; Conservative
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Best Local Similarity 93.3
Matches 14; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-739-449-8040/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: SITE
LOCATION: (369)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: SITE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PCT-US01-01339-285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 285
LENGTH: 381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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Gaps
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0
                                                                                         Length 771;
                                                                                Query Match 93.3%; Score 14; DB 5; Length 771 Best Local Similarity 100.0%; Pred. No. 1e+02; Matches 14; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                           Search completed: April 26, 2001, 17:25:38 Job time: 61675 sec
; ORGANISM: Agrobacterium tumefaciens US-09-739-449-8040
                                                                                                                                                                                                     602 TGCTGGGCTTGTGG 589
                                                                                                                                                                            1 TGCTGGGCTTGTGG 14
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GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
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OM nucleic - nucleic search, using sw model

April 26, 2001, 15:31:50 ; Search time 11829.6 Seconds (without alignments) 6.602 Million cell updates/sec on:

US-09-093-972C-960 Perfect score: Title:

1 GGCCTCTCTTCTGGG 15 Scoring table: Sequence:

IDENTITY_NUC Gapon 10.0 , Gapext 1.0

13168883 seqs, 2603265903 residues Searched:

26337766 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database

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/cgn2_6/ptodata/2/pna/US6019_coMB.seq:
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/cgn2_6/ptodata/2/pna/US6021_coMB.seq:
/cgn2_6/ptodata/2/pna/US6025_coMB.seq:
/cgn2_6/ptodata/2/pna/US6025_coMB.seq:
/cgn2_6/ptodata/2/pna/US6025_coMB.seq:
/cgn2_6/ptodata/2/pna/US6025_coMB.seq:
                                            /cgn2_6/ptodata/2/pna/US6014_COMB.seq
/cgn2_6/ptodata/2/pna/US6015_COMB.seq
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

11ES 3.972C.960 3.972C.960 3.972C.960 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3760 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-3750 3.978-30
SUMMARIES SUMMARIES 11D 12
DB 114 117 117 117 117 118 118 118 118 118 118
Length
Match V Match
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ALIGNMENTS

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RESULT 3
US-08-792-586-794/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                g
                                   Sequence 960, Application US/09093972C
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
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GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: MULTIPLE TARGET HYBRIDIZING COMPOSITION
FORMULATIONS, KITS & APPLICATIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .
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                                                                                                                                                                                                                                                                                                                                     ZIP: 08512

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 15; DB 14; 100.0%; Pred. No. 7.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: «UNKNOWN»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472;527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 960;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 960: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 2419
                                                                                                                                                                                     NUMBER OF SEQUENCES: 996
                                                                                                                                                                                                                                                                                             STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 100.
Matches 15; Conservative
                                                                                                                                                                                                                                                                        CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 GGCCTCTCTTCTGGG 15
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                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
                         US-09-093-972C-960
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-093-972C-960
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RESULT
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TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM TITLE OF INVENTION: COLON WITH CROHN'S DISEASE NUMBER OF SEQUENCES: 2231
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 15;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
        ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 CLARKE DRIVE CITY: CRANBURY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 15; DB 19; 100.0%; Pred. No. 7.3e+02;
                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,152A
FILING DATE: 17-Mar-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: EPI-00991
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INCYTE PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 963:
                                                                                                                                                                                                                                                                                                                    NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US/08/792,586
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 794, Application US/08792586 ; GENERAL INFORMATION:
                                                                                                                  ZIP: 08512
COMPUTER READBALE FORM:
MEDIUM TYPE: DISKETTE
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Stuart, Susan G.
APPLICANT: Gooding, Douglas H.
APPLICANT: Lane, John C.
APPLICANT: Delegeane, Angelo M.
APPLICANT: Snable, James L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 963;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/79
FILING DATE: Filed Herewith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                       SOFTWARE: ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 GGCCTCTCTTCTGGG 15
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                                                                                                   USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CALIFORNIA
                                                                            STATE: NJ
COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 15; Conserv
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APPLICANT: Gooding, Douglas H.
APPLICANT: Stuve, Laura L.
APPLICANT: Stuve, Laura L.
APPLICANT: Stuve, Laura Y.
APPLICANT: Ito, Laura Y.
APPLICANT: Akerblom, Ingrid E.
APPLICANT: Delegeane, Angelo M.
APPLICANT: Naughton, Rebecca E.
APPLICANT: Ningler, TO M.
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM TITLE OF INVENTION: HUMAN MESOCOLON SIGMOIDEUM
WUMBER OF SEQUENCES: 3760
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 255;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
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APPLICANT: Delegeane, Angelo M.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuart Laura L.
APPLICANT: Mullahy, Sara J.
APPLICANT: Naughon, Rebecca E.
APPLICANT: Naughron, Rebecca E.
TILLE OF INVENTION: POLYNUCLEOTIDES OF CONNECTIVE TISSUE FILE REFERENCE: PD-1023 CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 15; DB 13; 100.0%; Pred. No. 1.1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: CERRONE, MICHAEL C.
REGISTRATION NUMBER: 39,132
REFERENCE/DOCKET NUMBER: PD-0244 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 85-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 3750:
SEQUENCE CHARACTERISTICS:
LENGTH: 255 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/943,978
FILING DATE: October 3, 1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/028,732
FILING DATE: OCTOBER 4, 1996
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1491, Application US/09539800 GENERAL INFORMATION:
             Sequence 3750, Application US/08943978
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Best Local Similarity
Matches 15; Conservat
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US-08-943-978-3750
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        94304
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APPLICANT: Sellhamer, Jeffrey J.
APPLICANT: Start, Susan G.
APPLICANT: Start, Susan G.
APPLICANT: Start, Sara J.
APPLICANT: Mullahy, Sara J.
BILE REFERENCE: PPLOATION NUMBER: US/09/540,766
CURRENT APPLICATION DATA: Lemoved - refer tp PALM or File Wrapper
NUMBER OF SEQ ID NOS: 77960
SOFTWARE: PERL PROGRAM
SEQ ID NO 19192
LENGTH: 241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No: hu00001749
US-09-540-766-19192
                                                                                                                                                                                                      NAME: CERRONE, MICHAEL C.
REGISTRATION NUMBER: 39,132
REFERENCE/DOCKET NUMBER: 99,132
REFERENCE/DOCKET NUMBER: PD-0110 US
TELECOMNUNICATION INFORMATION:
TELEPAN: (415) 845-4166
INFORMATION FOR SEQ ID NO: 794:
SEQUENCE CHARACTERISTICS:
LENGTH: 241 base pairs
TYPE: nucleic acid
STRANDEDRESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-540-766-19192/c
: Sequence 19192, Application US/09540766
; GENERAL INFORMATION:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/010,832
FILING DATE: January 30, 1996
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 60/010,812
FILING DATE: January 30, 1996
ATTORNEY/AGENT INFORMATION:
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Best Local Similarity 100.
Matches 15; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: CDNA IMMEDIATE SOURCE: CLONE: 776768
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US-08-943-978-3750/c
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Sequence 2838, Application US/09371805 GENERAL INFORMATION:
                                                       ; OTHER INFORMATION: 700498706H1 US-09-152-050-1638
ORGANISM: Rattus norvegicus FEATURE: -
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Best Local Similarity 100.
Matches 15; Conservative
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Matches 15; Conservative
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ORGANISM: Rat
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APPLICANT: Stude, Laura L.
APPLICANT: Gooding, Douglas H.
APPLICANT: Mullahy, Sara J.
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM RAT
FITLE OF INVENTION: HIPPOCAMPUS
FILE REFERENCE: PZ-0025 US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 15; DB 20; 100.0%; Pred. No. 1.1e+03;
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OTHER INFORMATION: Incyte ID No: hu00278118
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CURRENT FILING DATE: 1998-09-09
EARLIER FILING DATE: 97-09-12
EARLIER FILING DATE: 97-09-12
EARLIER APPLICATION NUMBER: 60/064,580
EARLIER APPLICATION NUMBER: 60/064,580
SAFTWARE: PERL PROGRAM
SEQ ID NO: 3997
SECTION 1338
ELENGTH: 273
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- 0ctober 3, 152,

- 60/028,732
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October 4, 1920
08/993,774
                                                                      August 16, 1995
08/271,217
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08/943,979
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December 10, 1998
                                                                                                                                                                       08/334,881
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CURRENT APPLICATION NUMBER: US/09/539,800 CURRENT FILING DATE: 2000-03-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ) OTHER INFORMATION: a, t, c, g, or other US-09-539-800-1491
                                                                                                                                                                                                                                                                                                                                                                                                 60/027
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 February 10
                    CURRENT FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: 08/5
PRIOR APPLICATION NUMBER: 08/5
PRIOR FILING DATE: JUNe 27, 19
PRIOR FILING DATE: JUNE 27, 19
PRIOR FILING DATE: JUNE 27, 19
PRIOR FILING DATE: OCTOBER 3, PRIOR FILING DATE: OCTOBER 3, PRIOR FILING DATE: OCTOBER 3, PRIOR FILING DATE: OCTOBER 4, PRIOR FILING DATE: OCTOBER 4, PRIOR PRIOR APPLICATION NUMBER: OCTOBER 4, PRIOR FILING DATE: DECEMBER: OCTOBER 4, PRIOR FILING DATE: DECEMBER 50/0 PRIOR APPLICATION NUMBER: DECEMBER 50/0 PRIOR FILING DATE: FEDIUARY 12 PRIOR FILING DATE: FEDIUARY 12 PRIOR FILING DATE: DECEMBER 10 PRIOR FILING DATE: DECEMBER 10
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SOFTWARE: PERL Program
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Best Local Similarity
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US-09-152-050-1638
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APPLICANT: Stuart, Susan 3.

APPLICANT: Stuart, Laura L.

APPLICANT: Stuart, Laura L.

APPLICANT: Mullahy, Rebecca E.

TITLE OF INVENTION: POLYNUCLEOTIDES OF NERVOUS SYSTEM AND SENSORY ORGANS
FILE REFERENCE: PD-1033 CIP
CURRENT APPLICATION NUMBER: US/09/540,229
CURRENT APPLICATION ADDRES: 2000-03-31
Prior application data removed - refer to PALM or file wrapper
NUMBER OF SEQ ID NOS: 193582
SSPTWARE: PERL Program
SSPTWARE: PERL Program
SSD ID NO 144765
LENGTH: 273
                                                     Gaps
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Length 273;
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TITLE OF INVENTION: NUCLEIC ACID MOLECULES DERIVED FROM A
TITLE OF INVENTION: BRAIN LIBRARY
FILE REFERENCE: MANSW-36PM
CURRENT APPLICATION NUMBER: US/09/371,805
CURRENT FILING DATE: 1999-08-10
EARLIER APPLICATION NUMBER: 60/095,964
EARLIER APPLICATION NUMBER: 60/103,145
EARLIER PILICATION NUMBER: 60/103,145
EARLIER FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 5184
SOFTWARE: FASESEQ for Windows Version 3.0
SEQ ID NO 2838
LENGTH: 286
                                                     Indels
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100.0%; Score 15; DB 15; 100.0%; Pred. No. 1.1e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Rattus norvegicus
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No: rat00159940
                                                     0; Mismatches
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US-09-540-229-144765
Sequence 144765, Application US/09540229
GENERAL INFORMATION:
APPLICANT: Seilhamer, Jeffrey J.
APPLICANT: Delegeane, Angelo M.
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0; Mismatches
                                                                                                    RESULT 12
US-09-306-350A-20468
; Sequence 20468, Application US/09306350A
; GENERAL INFORMATION:
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100.0%;
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Best Local Similarity 100.
Matches 15; Conservative
                                         142 GGCCTCTTCTGGG 128
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US-09-306-350A-20468
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                                                                                                    100.0%; Score 15; DB 17; Length 286; 100.0%; Pred. No. 1.1e+03;
                                                                                                                                                                                                                                                                                                                 Sequence 2838, Application US/09371805A
GENERAL INFORMATION:
APPLICANT: Glucksmann, M. Alexandra
TITLE OF INVENTION: BUCLEIC ACID MOLECULES DERIVED FROM A
TITLE OF INVENTION: BRAIN LIBRARY
FILE REPERENCE: MAN98-36pM
CURRENT APPLICATION NUMBER: US/09/371,805A
CURRENT FILING DATE: 1999-08-10
EARLIER FILING DATE: 1998-08-10
EARLIER FILING DATE: 1998-08-10
EARLIER FILING DATE: 1998-08-10
EARLIER FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 5184
SOFTWARE: FRESTED for Windows Version 3.0
SEQ ID NO 2838
LENGTH: 286
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GENERAL INFORMATION:
APPLICANT: Hyseq. Inc.
TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained
TITLE OF INVENTION: From Various Libraries
FILE REFERENCE: 20411-781
CURRENT APPLICATION NUMBER: US/09/465,877

CURRENT FILING DATE: 1999-12-16
NUMBER OF SEQ ID NOS: 15920
SEQ ID NOS: 15920
SEQ ID NO 11640
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100.0%; Pred. No. 1.1e+03;
Live 0; Mismatches 0;
                                                                                                                                              0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; NAME/KEY: misc_feature
; LOCATION: (1)...(286)
; CTHER INFORMATION: n = A,T,C or G
US-09-371-805-2838
; LOCATION: (1)...(286)
; OTHER INFORMATION: n = A,T,C or G
US-09-371-805-2838
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Rattus norvegicus
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Best Local Similarity 100.0
Matches 15; Conservative
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Best Local Similarity 100.
Matches 15; Conservative
                                                                                                    Query Match 100.
Best Local Similarity 100.
Matches 15; Conservative
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US-09-465-877-11640/c
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US-09-306-350A-32430/C

Sequence 32430, Application US/09306350A

GENERAL INFORMATION:
APPLICANT: Dickson, Mark C.
APPLICANT: Dickson, Mark C.
APPLICANT: Data, Ivan
APPLICANT: Lee W.
APPLICANT: Labat, Ivan
APPLICANT: Stache-Crain, Birgit
TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained
TITLE OF INVENTION: From Various cDNA Libraries
FILE REFERENCE: 20411-776
CURRENT APPLICATION NUMBER: US/09/306,350A

CURRENT FILING DATE: 1999-05-07

NUMBER OF SEQ ID NOS: 41304

SEQ ID NO 32430

LENGTH: 439

WUDE: NUMBER OF SEQ ID VERSION 1.1

SEQ ID NO 32430
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100.0%; Score 15; DB 17; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels (
APPLICANT: Dickson, Mark C.
APPLICANT: Dickson, Mark C.
APPLICANT: Dickson, Radoje T.
APPLICANT: Jones, Lee W.
APPLICANT: Labat, Ivan
APPLICANT: Labat, Ivan
APPLICANT: Stache-Crain, Birgit
CURRENT PILLING TOWNER: 109/10/2007
CURRENT PILLING DATE: 1999-05-07
NUMBER OF SEQ ID NOS: 41304
SEQ ID NO 20468
LENGTH: 430
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Pred. No. 1.1e+03;
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Page 6

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100.0%; Score 15; DB 16; Length 456;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 0; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Drimanc, Radoje T.
APPLICANT: Labat, Ivan
APPLICANT: Labat, Ivan
APPLICANT: Dickson, Mark
APPLICANT: Dickson, Mark
APPLICANT: Dickson, Mark
APPLICANT: Jones, Lee W.
TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained
TITLE OF INVENTION: From Various Libraries
TITLE OF INVENTION: From Various Libraries
FILE REFERENCE: 774
CURRENT FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: US/09/528,409
FROR FILING DATE: 1999-03-19
NUMBER OF SEQ ID NOS: 116231
SOFTWARE: Hy-patent.pl Version 3.1
LENGTH: 475
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100.0%; Score 15; DB 19; Length 475;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 0; Indels
## APPLICANT: Hyseq, Inc.
### TITLE OF INVENTION: WOVEL NUCLEIC ACIDS OBTAINED FROM
### TITLE OF INVENTION: WARIOUS CDNA LIBRARIES
### FITLE OF INVENTION: WARIOUS CDNA LIBRARIES
### CURRENT APPLICATION NUMBER: US/09/274,861
### CURRENT FILING DATE: 1999-03-23
### NUMBER OF SEQ ID NOS: 11371
### SOFTWARE: FastSEQ for Windows Version 3.0
### SEQ ID NO 6136
### LENGTH: 456
### LENGTH: 456
### TYPE: DNA
### ORGANISM: Homo sapiens
US-09-274-861-6136
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LCCATION: (1)...(475)

CTHER INFORMATION: n = A,T,C or G

US-09-528-400-40623
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US-09-528-409-40623/c
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Search completed: April 26, 2001, 15:31:51 Job time: 30516 sec

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10412, A
9029, Ap
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995, App
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1: /cgn2_6/ptodata/2/pna/PCT_NEW_COMB.seq:*

2: /cgn2_6/ptodata/2/pna/US06_NEW_COMB.seq:*

3: /cgn2_6/ptodata/2/pna/US08_NEW_COMB.seq:*

5: /cgn2_6/ptodata/2/pna/US08_NEW_COMB.seq:*

5: /cgn2_6/ptodata/2/pna/US09_NEW_COMB.seq:*

6: /cgn2_6/ptodata/2/pna/US09_NEW_COMB.seq:*
                         Compugen Ltd
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US-09-543-679A-2420
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US-09-543-679A-2421
US-09-543-679A-2423
US-09-543-679A-2423
US-09-543-679A-3005
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US-09-739-449-213
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US-09-540-212A-21960
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US-09-540-212A-63245
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US-08-276-163D-7054
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GenCore version 4.5
Copyright (c) 1993 - 2000 Comp
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Listing first 45 summaries
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8841, Ap
1537, Ap
8047, Ap
2565, Ap
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GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
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STREET: 7 Clarke Drive
CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               .;
                                                                          PCT - USOD - 35395-2
PCT - USOD - 01339-9015
PCT - USO1 - 01339-9016
PCT - USO1 - 01339-8842
PCT - USO1 - 01339-8842
PCT - USO1 - 01339-8841
US-60-248-505-1537
US-09-543-679A-2565
US-09-715-226A-1
US-09-715-226A-1
US-09-715-226A-1
US-09-716-226B-1
US-09-716-226B-1
PCT - USO1 - 01339-9556
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100.0%; Pred. No. 14;
iive 0; Mismatches 0
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REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-60-248-505-495
US-60-248-505-289
US-60-248-505-208
US-60-248-505-205
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RAPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-APL-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
RAPPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ALIGNMENTS
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SEQUENCE DESCRIPTION: SEQ ID NO: 963:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 15 base pairs
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 08512
COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: CD-R
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Best Local Similarity 100:
Matches 15; Conservative
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    US-09-543-679A-963
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63245, A

Sequence Sequence Sequence

Sequence

US-08-276-163D-6428 US-08-276-163D-6569 US-08-276-163D-8356 PCT-US01-01339-9541 PCT-US01-01339-9542

Sequence

Sequence 9542,

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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: <Unknown>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        971 GCCTCTCTTCTGGG 957
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                                                                                                                                                                                                                SOFTWARE: N/A
                                                                                     COUNTRY: USA
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Best Local Similarity
Matches 15; Conserv
                                                             STATE: NJ
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                                                                                                                                                                                                                        TITLE OF INVENTION: LOW ADBNOSINE ANTI-SENSE OLIGONUCLECTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 2432, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
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                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: EPI-0067191b TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-APT-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQUENCE 2420:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGET INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                               Sequence 2420, Application US/09543679A GENERAL INFORMATION: APPLICANT: NYCE, Jonathan W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2420:
                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 3111
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 08512
COMPUTER READABLE FORM:
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Matches 15; Conservative
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                                       1 GGCCTCTTCTGGG 15
                   1 GGCCTCTCTTCTGGG 15
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                                                                                                                                          -09-543-679A-2420/c
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US-09-543-679A-2432/c
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TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE, COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Amzel, Viviana
REGISTRATION UNDBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION UNMER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
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CURREW APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
PLICASIFICATION UNKNOWN
PROFILCATION DATA:
APPLICATION NUMBER: 60/127,958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 2432:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
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; Sequence 2422, Application US/09543679A
; GENERAL INFORMATION:
                                                                                                                                                                COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
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COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
STREET: 7 Clarke Drive CITY: Cranbury
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                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 981 base pairs
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                                                                                      ZIP: 08512
COMPUTER READABLE FORM:
MEDIUM TYPE: CD-R
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Gaps

FILING DATE: 1998-08-03

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COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
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TELEFAX: 413-254-9245
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LENGTH: 2900 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 7 Clarke Drive
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 3111 CORRESPONDENCE ADDRESS:
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MEDIUM TYPE: CD-R
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Matches 15; Conservative
                                                                                                                        Db 1408 GGCCTCTTTTGGG 1394
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
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                 Query Match
Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                       ;
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                     NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOOKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                     ; TOPOLOGY: linear ; SEQUENCE DESCRIPTION: SEQ ID NO: 2422: US-09-543-679A-2422
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
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NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-543-679A-2434/c
; Sequence 2434, Application US/09543679A
; GENERL INFORMATION:
; APPLICANT: NYCE, Jonathan W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: CD-R
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
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                                                                                                                                              INFORMATION FOR SEQ ID NO: 2422:
SEQUENCE CHARACTERISTICS:
LENGTH: 1942 base pairs
                                                                                                    TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
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ATTORNEY/AGENT INFORMATION:
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STRANDEDNESS: single
                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 3111
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SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
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; Sequence 2433, Application US/09543679A
; GENERAL INFORMATION:
; FAPPLICANT: NYCE, Jonathan W.
; TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
                                                                                                                                                                                                                                      RESULT 6
US-09-543-679A-2421/C
US-09-543-679A-2421/C
US-09-543-679A-2421, Application US/09543679A
Sequence 2421, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADBNOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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100.0%; Score 15; DB 5; Length 1942; 100.0%; Pred. No. 21;
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
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SEQUENCE DESCRIPTION: SEQ ID NO: 2421:
                                                      Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
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REGISTRATION NUMBER: 30,930
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
                                                                                       ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive
                                                                                                                                                                                                          MEDIUM TYPE: CD-R
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPENARE: N/A
CURRENT APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Amzel, Viviana
REGISTRATION UNDBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: 11near
SEQUENCE DESCRIPTION: SEQ ID NO: 2433:
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                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 2900 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
                                                     NUMBER OF SEQUENCES: 3111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: N/A CURRENT APPLICATION DATA:
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                                                                        CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: <Unknown>
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                                                                                                                        CITY: Cranbury
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Best Local Similarity
Matches 15; Conserva
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                                                                                                                                           STATE: NJ
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APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLECTIDE,
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLECTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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0
                                                                                                                                                NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEPHONE: 413-254-9245
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REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
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OPERATING SYSTEM: DOS
SOFTWARE: N/A
CURRET APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIETCATION: UNKNOWN
APPLICATION NUMBER: US/09/543,679A
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                                                           PRIOR APPLICATION DATA:

**PAPLICATION NUMBER: 60/127,958

**FILING DATE: 1998-08-03

ATTORNEY/AGENT INPORMATION:
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APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
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                   FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 11786 base pairs
                                                                                                                                                                                                                                                                                                                                        LENGTH: 5962 base pairs
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SEQUENCE CHARACTERISTICS:
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INFORMATION FOR SEQ ID NO: 3005:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
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COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
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COUNTRY: USA
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Best Local Similarity
Matches 15; Conserv
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US-08-276-163D-10412/c
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                                                                                                                                                                                                                                                                                                                                                                      Sequence 3002, Application US/09543679A
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLECTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                                           100.0%; Score 15; DB 5; Length 11786; 100.0%; Pred. No. 24; tive 0; Mismatches 0; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: N/A
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                 STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 3005:
US-09-543-679A-3005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TOPOLGY: linear ; SEQUENCE DESCRIPTION: SEQ ID NO: 3002: US-09-543-679A-3002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 117608 base pairs
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COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 3002:
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 3111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 08512
COMPUTER READABLE FORM:
TYPE: nucleic acid
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                                                                                                                                                                                                                                                      Db 11252 GGCCTCTTCTGGG 11238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Db 30521 GGCCTCTTCTGGG 30507
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Matches 15; Conservative
                                                                                                                                                                                         Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              USA
                                                                                                                                              Query Match
Best Local Similarity
Matches 15; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                           US-09-543-679A-3002/c
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RESULT

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APPLICANT: Adams, et. al.
TITLE OF INVENTION: Human Genes, Sequences, and Expression Products
FILE REFERENCE: PO14
CURRENT APPLICATION NUMBER: US/08/276,163D
CURRENT FILING DATE: 1994-07-15
NUMBER OF SEQ ID NOS: 15314
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 10412
LENGTH: 499
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: n equals a,t,g, or c NAME/KEY: misc feature LOCATION: (72)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (75)
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NAME/KEY: misc feature
LOCATION: (136)
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Sequence 10412, Application US/08276163D GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                       LOCATION: (9)
OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature LOCATION: (91)
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OTHER INFORMATION: n equals a,t,g, or
NAME/KEY: misc feature
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NAME/KEY: misc feature
LOCATION: (121)
OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
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VOTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
LOCATION: (31)
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OTHER INFORMATION: n equals
NAME/KEY: misc feature
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                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
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NAME/KEY: misc feature LOCATION: (241) OOTHER INFORMATION: n equals a,t,g, or c NAME/KEY: misc feature LOCATION: (253) OTHER INFORMATION: n equals a,t,g, or c NAME/KEY: misc feature LOCATION: (293) OTHER INFORMATION: n equals a,t,g, or c NAME/KEY: misc feature LOCATION: (306) OTHER INFORMATION: n equals a,t,g, or c NAME/KEY: misc feature LOCATION: (369) OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (384)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (392)
OTHER INFORMATION: n equals a,t,g, or c LOCATION: (410)
OTHER HNORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (424) OTHER INFORMATION: n equals a,t,g, or c OTHER INFORMATION: n equals a,t,g, or c NAME/KEY: misc feature LOCATION: (355) OTHER INFORMATION: n equals a,t,g, or c NAME/KEY: misc feature LOCATION: (404) OTHER INFORMATION: n equals a,t,g, or c NAME/KEY: misc feature LOCATION: (230) OTHER INFORMATION: n equals a,t,g, or c NAME/KEY: misc feature LOCATION: (306) OTHER INFORMATION: n equals a,t,g, or c OTHER INFORMATION: n equals a, t, g, or c OTHER INFORMATION: n equals a,t,g, or c NAME/KEY: misc feature OTHER INFORMATION: n equals a, t, g, or c OTHER INFORMATION: n equals a, t, g, or c OTHER INFORMATION: n equals a,t,g, or c LOCATION: (366)
OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature LOCATION: (402) NAME/KEY: misc feature NAME/KEY: misc feature LOCATION: (431)

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Gaps
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GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc., et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC006PCT
CURRENT APPLICATION NUMBER: PCT/US01/01339
CURRENT FILING DATE: 2001-03-17
NUMBER OF SEQ ID NOS: 10231
SOFTWARE: Patentin Ver. 2.0
IENGTH: 533
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-60-248-823-35/c
| Sequence 35, Application US/60248823
| GENERAL INFORMATION: SAPLICANT: Beasley, Ellen | TITLE OF INVENTION: ISOLATED HUMAN LIPASE PROTEINS, NUCLEIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           93.3%; Score 14; DB 1; 100.0%; Pred. No. 65;
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Conservative 0; Mismatches
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                                                                                                            LOCATION: (445)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
                                                                                                                                                                          LOCATION: (446)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
OTHER INFORMATION: n equals a, t, g, or c
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US-08-276-163D-10412
                                                           OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature
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Best Local Similarity 100.
Matches 14; Conservative
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                    NAME/KEY: misc feature
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PCT-US01-01339-9029
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Best Local Similarity
Matches 14; Conserv
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PCT-US01-01339-9029
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TYPE: DNA

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Sequence 213, Application US/09739449
GENERAL INFORMATION:
APPLICANT: Hinche, Gregory J.
APPLICANT: Stater, Steven C.
TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
FILE REFERENCE: 38.10(15.490)C
CURRENT APPLICATION NUMBER: US/09/739,449
FILE PRICATION NUMBER: US 09/514,000
PRIOR FILING DATE: 2000-12-19
PRIOR FILING DATE: 2000-02-23
NUMBER OF SEQ ID NOS: 13351
SEQ ID NO 213
TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN LIPASE PROTEINS, AND USES TITLE OF INVENTION: THEREOF PLOSS PROTEINS, AND USES PLACE OF INVENTION: THEREOF PLOSS PROTEINS PLACE CLOROUS CURRENT APPLICATION NUMBER: US/60/248,823
CURRENT FILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 189
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 35
LENTH: 78551
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             93.3%; Score 14; DB 6; Length 78551;
100.0%; Pred. No. 99;
Live 0; Mismatches 0; Indels
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc., et al.
APPLICANT: Human Genome Sciences, Inc., et al.
TITLE OF INVENTION: NUCLEIC Acids, Proteins, and Antibodies
FILE REFERENCE: PC006PCT
CURRENT PPLICATION NUMBER: PCT/US01/01339
CURRENT FILING DATE: 2001-03-17
NUMBER OF SEQ ID NOS: 10231
SSETUARS: Patentin Ver. 2.0
ENGTHARE: 944
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; LOCATION: (1)..(300663)
; OTHER INFORMATION: unsure at all n locations
US-09-739-449-213
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                                                                                                                                                                                                                                                                                FEATURE:

NAME/KEY: misc_feature

LOCATION: (1)...(78551)

OTHER INFORMATION: n = A,T,C or G
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Best Local Similarity 100.
Matches 14; Conservative
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Best Local Similarity 100.
Matches 14; Conservative
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                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: HUMAN
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PCT-US01-01339-995
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US-09-739-449-213
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                                                                    Score 13.6; DB 1; Length 844;
Pred. No. 1.1e+02;
1; Mismatches 0; Indels
                                                                                                       Indels
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Job time: 61682 sec
                                                                 Query Match 90.7%;
Best Local Similarity 92.9%;
Matches 13; Conservative
                                                                                                                                                       739 gcctctctrgg 752
                                                                                                                                     2 GCCTCTCTTCTGGG 15
; ORGANISM: Homo sapiens
PCT-US01-01339-995
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April 26, 2001, 15:31:51; Search time 11829.6 Seconds (without alignments) 6.162 Million cell updates/sec
                                                                                                                                                                                                                                  GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
                                                                                                                                                 13168883 segs, 2603265903 residues
                                                                                                                                                                  Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                            Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                  using sw model
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                                                                                                      1 CCTGGTCCCTCCGT 14
                                                                               US-09-093-972C-961
14
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length: 2000000000

    nucleic search,

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Maximum DB seq
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/cgn2_6/ptodata/2/pna/US6013_COMB.seq:
/cgn2_6/ptodata/2/pna/US6013_COMB.seq:
/cgn2_6/ptodata/2/pna/US6013_COMB.seq:
/cgn2_6/ptodata/2/pna/US6012_COMB.seq:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	961,	17093	Sequence 170939,	Sequence 243030,	6114	6114	e 6310,	Sequence 458, App	458,	24052,	יים	, ,	odionce 281	28180,		32430,		14096,	1, Appl		30580,	Sequence 8/38, Ap	10/4/	Sequence 334, App	i _	equence 3	9	2	N	45465,	1/6/4	equence 91, App	ednence salb4	equence 320,	equence 45093	equence 263,	equence 83, A	ednence	ednence 777,	equence 105,	Sequence 697, App
SUMMARIES	QI	-09-093-972C-961 -09-509-152A-964	8-60-234-017-17093	-234-017-170939	S-U9-304-51/A-2450 c-06-361-630-12355	S-09-654-617-61	S-09-684-016-6114	S-60-144-084-631	US-08-385-268-458	US-08-964-263-458	US-09-535-897	US-09-0/6-56/-3986	02-60-SD	00-55-00-51	US-09-535-897	US-09-465-87	US-09-306-35	US-09-465-877-106	US-60-182-316-1409	US-09-293-972-1	US-60-172-377-4637	US-09-293-972-30		US-60-135-951-18/	SO	TC-08-251-414-1	າແ	US-60-245-225	US-08-179-575-	US-60-172-373-2355	us-09-620-392	US-60-172-373-1767	US-60-243-468-91	US-08-620-382-5	US-60-207-583-320	US-09-620-392-45	US-60-207-315-2	US-67-708-T78-82	US-60-208-973-1	US-60-213-177-22	US-60-229-515-10	US-60-230-445-69
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/cgn2_6/ptodata/2/pna/US6001_COMB.seq:* /cgn2_6/ptodata/2/pna/US6003_COMB.seq:* /cgn2_6/ptodata/2/pna/US6003_COMB.seq:* /cgn2_6/ptodata/2/pna/US6004_COMB.seq:*

/cgn2_6/ptodata/2/pna/US6005_COMB.seq: /cgn2_6/ptodata/2/pna/US6006_COMB.seq:'

/cgn2_6/ptodata/2/pna/US6007

/cgn2_6/ptodata/2/pna/US600B_COMB.seq: /cgn2_6/ptodata/2/pna/US6010_COMB.seq: /cgn2_6/ptodata/2/pna/US6011_COMB.seq: /cgn2_6/ptodata/2/pna/US6011_COMB.seq:

ALIGNMENTS

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CORRESPONDENCE ADDRESS:
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                                                                                                 Sequence 961, Application US/09093972C
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Nyce, JONATHAN W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 964, Application US/09509152A
GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: MULTIPLE TARGET HYBRIDIZING COMPOSITION
FORMULATIONS, KITS & APPLICATIONS
NUMBER OF SEQUENCES: 2419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
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COMPUTER READABLE FORM:

MEDIUM TYPE: FLORPY disk

COMPUTER: IBM FC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION NUMBER: US/09/093,972C

FILING DATE: 09-Jun-1998

CLASSIFICATION: «UNKnown>

PRIOR APPLICATION NUMBER: US 08/472,527

FILING DATE: 7-June-1995

APPLICATION NUMBER: US 08/472,527

FILING DATE: 30-June-1998

APPLICATION NUMBER: US 09/016,464

FILING DATE: 30-June-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 14; DB 14; Length 14; 100.0%; Pred. No. 1.7e+03;
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                                                                                                                                                                                                                                                                         CORRESPONDENČE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Preu. ...
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MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 961:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                        STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 961: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 996
                                                                                                                                                                                                                                                                                                                                               CITY: Cranbury
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEX: <Unknown>
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Best Local Similarity 100.
Matches 14; Conservative
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                                                                                US-09-093-972C-961
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APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis of Mus
TITLE OF INVENTION: Methods of Genetic Analysis of Mus
TITLE FEFERENCE: 3115
CURRENT APPLICATION NUMBER: US/60/234,017
CURRENT FILIG DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 605887
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 170933
LENGTH: 25
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 CLARKE DRIVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 14; DB 19;
100.0%; Pred. No. 1.7e+03;
Live 0; Mismatches 0;
                                                                                                                                                                                                               SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,152A
FILING DATE: 17-MAR-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AW121774
US-60-234-017-170933
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 964:
                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/059,160 FILING DATE: 1997-09-17 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 170933, Application US/60234017; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                       MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 964:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
                                                                                                                                   COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
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                                           CRANBURY
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                                                                                         COUNTRY: USA
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                                                                                                            ZIP: 08512
                                                                STATE: NJ
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Best Local Similarity
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Matches 14; Conserv
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FEATURE:
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Sequence 12355, Application US/09391630

GENERAL INFORMATION:
APPLICANT: Byrum, Joseph R.
APPLICANT: Heck, Gregory R.
APPLICANT: Thompson, Thomas J.
APPLICANT: Shukla, Hidayabhiramjam
APPLICANT: Shukla, Michael D.
TITLE OF INVENTION: PLANTS
TITLE OF INVENTION: PLANTS
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                                                                                                                                                                    APPLICANT: Mittmann, M
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis of Mus
TITLE OF INVENTION: musculus
FILE REFERENCE: 3115
CURRENT APPLICATION NUMBER: US/60/234,017
CURRENT FILING DATE: 2000-09-20
NUMBER OF SEQ ID NOS: 605887
SOFTWARE: FastSEQ for Windows Version 4.0
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100.0%; Score 14; DB 17;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0;
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APPLICANT: Liu, Jingdong
TITLE OF INNENTION: Annotated Plant Gen
FILE REFERENCE: 38-21(15097)B
CURRENT APPLICATION NUMBER: US/09/304,517A
CURRENT FILING DATE: 1999-05-06
NUMBER OF SEQ ID NOS: 295529
SEQ ID NO 245036
LENGTH: 205
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; DATABASE ACCESSION NUMBER: GenBank AW121774
US-60-234-017-170939
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US-09-304-517A-245036
; Sequence 245036, Application US/09304517A
; GENERAL INFORMATION:
                                                                                                                            Sequence 170939, Application US/60234017 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
CORGANISM: Glycine max
US-09-304-517A-245036
18 ccreerccrccer
                                                                                                          US-60-234-017-170939/c
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US-09-391-630-12355
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LENGTH: 25
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100.0%; Pred. No. 1.8e+03;
tive 0; Mismatches 0;
                                                                                                                                                          ; OTHER INFORMATION: Clone ID: LIB3050-027-Q1-E1-A3 US-09-391-630-12355
                                                                                                                                                                                                                            100.0%; Score 14; DB 17; 100.0%; Pred. No. 1.8e+03;
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38-21(15097)D
CURRENT APPLICATION NUMBER: US/09/684,016
CURRENT FILING DATE: 2000-10-10
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE:
PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/554,617; CURRENT FILING DATE: 2000-09-05
NUMBER OF SEQ ID NOS: 463173
SEQ ID NO 61144
FILE REFERENCE: 38-21(15441)B
CURRENT APPLICATION NUMBER: US/09/391,630
CURRENT FILING DATE: 1999-09-08
NUMBER OF SEQ ID NOS: 18889
SEQ ID NO 12355
LENGTH: 205
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TITLE OF INVENTION:
FILE REFERENCE:
CURRENT PARTY
                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Liu, Jingdong TITLE OF INVENTION:
FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   14; Conservative
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Best Local Similarity 100.
Matches 14; Conservative
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Best Local Similarity 100.
Matches 14; Conservative
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CORGANISM: Glycine max
US-09-654-617-61144
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SEQ ID NO 61144
LENGTH: 205
                                                                                                                             ORGANISM: Glycine max
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                    US-09-654-617-61144
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                                                                                                               TYPE: DNA
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US-08-964-263-458
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 qq
                                                                                                                                                                                     APPLICANT: Abad, Mark S.
APPLICANT: Buehler, Robert E.
APPLICANT: Burum, Joseph R.
APPLICANT: Burum, Joseph R.
APPLICANT: Horw, Joseph R.
APPLICANT: Heck, Gregory R.
APPLICANT: Heck, Gregory R.
APPLICANT: Homes J.
APPLICANT: Thompson, Michael D.
APPLICANT: Thompson, Michael D.
TITLE OF INVENTION: WUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH TITLE OF INVENTION: WUMBER: US/60/144,084
CURRENT APPLICATION WUMBER: US/60/144,084
CURRENT FILING DAIR: 1999-07-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Wilde, Craig G.
APPLICANT: Wilde, Mangelo M.
APPLICANT: Bills, Pamela Kay
APPLICANT: Pham, Mino Thu
APPLICANT: Petty, Christina M.
TITLE OF INVENTION: STOMACH CELL-DERIVED POLYNUCLEOTIDES AND
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 100.0%; Score 14; DB 46; Length 205; Best Local Similarity 100.0%; Pred. No. 1.8e+03; Matches 14; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Clone ID: LIB3050-027-Q1-E1-A3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INCYTE PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPE-FECT 6.1/MS-DOS 6.2
CUREBUT APPLICATION DATA:
APPLICATION NUMBER: US/08/385,268
FILING DATE: HEREWITH
                                                                                                                                                   Sequence 6310, Application US/60144084 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 458, Application US/08385268
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 3330 HILLVIEW AVENUE
CITY: PALO ALTO
STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: LUTHER, BARBARA J.
REGISTRATION NUMBER: 33954
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Floppy disk
                       169 cctggtccctccgt 182
  1 CCTGGTCCCTCCGT 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 CCTGGTCCCTCCGT 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Glycine max
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-385-268-458/c
                                                                                                                            JS-60-144-084-6310
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LENGTH: 205
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Gaps
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APPLICANT: Delegeane, Angelo M.
APPLICANT: Bills, Pamela Kay
APPLICANT: Pham, Mino Thu
APPLICANT: Pham, Mino Thu
APPLICANT: Petty, Christina M.
TITLE OF INVENTION: STOWACH CELL-DERIVED POLYNUCLEOTIDES AND
TITLE OF INVENTION: POLYPEPTIDES
                                                                                                                                                                                                                                                                                                                         100.0%; Score 14; DB 7; Length 214; 100.0%; Pred. No. 1.8e+03; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/964,263
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INCYTE PHARMACEUTICALS, INC
REFERENCE/DOCKET NUMBER: PD-0022 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: LUTHER, BARBARA J:
REGISTRATION NUMBER: 33954
REFERENCE/DOCKET NUMBER: PD-0022 US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 458, Application US/08964263 ; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 04-NOV-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/385,268
      TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 855-0555
TELEFAX: (415) 855-0572
INFORMATION FOR SEQ ID NO: 458:
SEQUENCE CHARACTERISTICS:
LENGTH: 214 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (415) 855-0555
TELEFAX: (415) 855-0572
INFORMATION FOR SEQ ID NO: 458:
SEQUENCE CHARACTERISTICS:
LENGTH: 214 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3330 HILLVIEW AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4636
                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                198 CCTGGTCCCTCCGT 185
                                                                                                                                                                                                                                                                                                                                                                                                        1 CCTGGTCCCTCCGT 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                       CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: PALO ALTO
STATE: CALIFORNIA
                                                                                                                                                                                  linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
                                                                                                                                                                                                                    ; IMMEDIATE SOURCE:
; CLONE: 214714
US-08-385-268-458
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IMMEDIATE SOURCE:
CLONE: 214714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              USA
                                                                                                                                                                                TOPOLOGY: 11
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-964-263-458/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 94304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET:
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APPLICANT: Seinhamer, Jeffrey J.
APPLICANT: Selant, Susan G.
APPLICANT: Delegeane, Angelo M.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuve, Laura L.
APPLICANT: Mulahy, Sara J.
APPLICANT: Naughton, Rebecca E.
TITLE OF INVENTION: POLYNUCLECTIDES ENCODING OR REGULATING SIGNAL TRANSDUCTION MO FULL REFERENCE: PD-1007 CIP
CURRENT APPLICATION NUMBER: US/09/534,843
CURRENT FILING DATE: 2000-03-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
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SOFTWARE: PERL Program
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 14; DB 14; Length 220; 100.0%; Pred. No. 1.8e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Indels
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: World Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/076,667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No: hu00326089
                                                                                                                                                                              CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: CERRONE, MICHAEL C.
REGISTRATION NUMBER: 39,132
REFERENCE/DOCKET NUMBER: PD-0370P
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 855-0555
TELEFAX: (415) 845-4166
INFORMATION FOR SEQ ID NO: 3986:
SEQUENCE CHARACTERISTICS:
LENGTH: 220 base pairs
TYPE: nucleic acid
STRANDENNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; NAME/KEY: unsure
; LOCATION: 191
; CHER INFORMATION: a, t, c, g, or other
US-09-534-843-15590
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 15590, Application US/09534843; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 100.
Best Local Similarity 100.
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 CCTGGTCCCTCCGT 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 CCTGGTCCCTCCGT 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                IMMEDIATE SOURCE:
CLONE: 3271070H1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE:
                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-076-667-3986
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 15590
LENGTH: 220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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                                                                                                                                                                                                                                                                            US-09-535-897-24052/c

Sequence 24052, Application US/09535897

Sequence 24052, Application US/09535897

GENERAL INFORMATION:
APPLICANT: Sellhamer, Jeffrey J.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuart, Sara J.
APPLICANT: Milahy, Sara J.
APPLICANT: Mulahy, Sara J.
APPLICANT: Mulahy, Sara J.
APPLICANT: Mulahy, Sara J.
APPLICANT: Waughton, PolyNUCLEOTIDES ENCODING OR REGULATING TRANSCRIPTION FACTORS AND TITLE OF INVENTION: PROTEINS
FILE REFERENCE: PD-1008 CIP
CURRENT APPLICATION NUMBER: 105/09/535,897

CURRENT APPLICATION DATA removed - refer to PALM or File Wrapper

NUMBER OF SEQ. ID NOS: 46364
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Struce, Jaura L.
APPLICANT: Stuart, Susan G.
APPLICANT: Ito, Laura Y.
APPLICANT: Akelblom, Ingrid E.
APPLICANT: Delegeane, Angelo M.
APPLICANT: Naughton, Rebecca E.
APPLICANT: Klingler, Tod M.
TITLE OF INVENTION: POLYNCLEOTIDES AND POLYPEPTIDES DERIVED FROM TITLE OF INVENTION: HUMAN BRAIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ;
0
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                                             100.0%; Score 14; DB 13; Length 214; 100.0%; Pred. No. 1.8e+03; Live 0; Mismatches 0; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 214;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 14; DB 20; Length 21·
100.0%; Pred. No. 1.8e+03;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No: hu00724717
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: INCYTE PHARMACEUTICALS, INC 3174 PORTER DRIVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; NAME/KEY: unsure
; LOCATION: 17, 147, 203
: OTHER INFORMATION: a, t, c, g, or other
US-09-535-897-24052
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 3986, Application US/09076667; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gooding, Douglas H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.
Matches 14; Conservative
                                                  Ouery Match 100.
Best Local Similarity 100.
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                      198 CCTGGTCCCTCCGT 185
                                                                                                                                              1 CCTGGTCCCTCCGT 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PERL Program
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: PALO ALTO STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 13
US-09-076-667-3986/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 24052
LENGTH: 214
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE:
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us-60-048-002-3986/c
; Sequence 3986, Application US/60048002
; Sequence 3986, Application US/60048002
; GENERAL INFORMATION:
; APPLICANT: Stuar, Lura L.
; APPLICANT: Ito, Laura L.
; APPLICANT: Ito, Laura Y.
; APPLICANT: Ito, Laura Y.
; APPLICANT: Delegeane, Angelo M.
APPLICANT: Naughton, Rebeca E.
; APPLICANT: Ningler, Tod M.
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM TITLE OF INVENTION: POLYNUCLEOTIDES AND FROM TITLE OF INVENTION: POLYNUCLEOTIDES AND FROM TITLE OF INVENTION: HUMAN BRAIN NUMBER OF SEQUENCES: 4483
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
COUNTRY: USA
ZIP: PALO ALTO
STATE: CALIFORNIA
ZIP: 94304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM:
PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/60/048,002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: CERRONE, MICHAEL C.
REGISTRATION NUBBER: 39,132
REFERRINGE/COCKET WINBER: 99,132
REFERRINGE/COCKET WINBER: 91,0370P
TELEPHONE: (415) 845-0155
TELEPHONE: (415) 845-0155
TELEPRATION FOR SEQ ID NO: 3986:
SEQUENCE CHARACTERISTICS:
LENGTH: 220 base pairs
TYPE: nucleic acid
STRANDENESS: 31ngle
TOPOLLOGY: linear
MOLECULE TYPE: CDNA
IMMADIATE SOURCE:
CLONE: 3271070H1
US-60-048-002-3986
  106 CCTGGTCCCTCCGT 93
                                                                  RESULT 15
US-60-048-002-3986/c
a
```

Gaps ó. 100.0%; Score 14; DB 36; Length 220; 100.0%; Pred. No. 1.8e+03; tive 0; Mismatches 0; Indels Query Match
Best Local Similarity 100.0
Matches 14; Conservative

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1 CCTGGTCCCTCCGT 14 δ

106 CCTGGTCCCTCCGT 93

Search completed: April 26, 2001, 15:31:52 Job time: 30517 sec

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GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
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- nucleic search, using sw model OM nucleic April 26, 2001, 17:25:45; Search time 217.85 Seconds (without alignments) 17.666 Million cell updates/sec Run on:

US-09-093-972C-961 14 1 CCTGGTCCCTCCGT 14 Perfect score: Title:

Scoring table: Sequence:

187195 seqs, 137450115 residues IDENTITY_NUC Gapop 10.0 , Gapext 1.0

Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

Pending_Patents_NA_New:*

1: /cgn2_6/ptodata/2/pna/PcT_NEW_COMB.seq:*

3: /cgn2_6/ptodata/2/pna/USO6_NEW_COMB.seq:*

3: /cgn2_6/ptodata/2/pna/USO8_NEW_COMB.seq:*

4: /cgn2_6/ptodata/2/pna/USO8_NEW_COMB.seq:*

5: /cgn2_6/ptodata/2/pna/USO8_NEW_COMB.seq:*

6: /cgn2_6/ptodata/2/pna/USO8_NEW_COMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 964, App	2434,			2423,			Sequence 1717, Ap	Sequence 56928, A	Sequence 57069, A	65, 7	231,	32,	340,	7045	c	703,	372,		Sequence 12816, A	Sequence 1052, Ap	200	9390,	1458,	Sequence 1328, Ap	Sequence 612, App
ID	US-09-543-679A-964	543-	-09 - 543	US-09-543-679A-2433	-09-543-	-543	US-09-543-679A-3002	-09	US-09-540-212A-56928	US-09-540-212A-57069	-09-	US-60-248-505-231	US-60-248-823-32	1	-09-540-	-343	-60-	US-09-540-212A-372	US-60-010-803-2462	-08-276-163D-12	US-08-276-163D-1052	US-09-817-427-200	US-09-724-866A-9390	63D-145	US-08-276-163D-1328	PCT-US01-01339-612
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% Query Match	100.0	100.0	100.0	100.0	100.0	100.0	100.0	92.9	92.9	92.9					88.6	88.6	98.6	98.6	88.6	88.6	88.6	88.6	88.6	88.6	98.6	88.6
Score	14	14	14	14	14	14	14	13	13	13	13	13	13	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
Result No.		טט	Ω 4	ດ	9 0	c 2	ထ ပ	6	10	11	12	c 13	c 14	15	c 16	17	c 18	19	20	~	c 22	7	24	25	26	27

Sequence 6507, Applisequence 7, Applisequence 1979, Applisequence 1111, Applisequence 2121, Applisequence 40, Applisequence 60, Applisequence 66, Applisequence 56, Applisequence 56, Applisequence 56, Applisequence 36, Applisequence 31, Applisequence 31, Applisequence 31, Applisequence 1999, Applisequence 1999, Applisequence 1999, Applisequence 1999, Applisequence 1999, Applisequence 67300, Applisequenc
PCT-US01-01339-6507 PCT-US01-09226-7 PCT-US01-09226-8 US-09-783-514-1979 US-09-783-514-2113 US-09-783-514-2123 US-00-248-823-40 US-60-248-823-40 US-60-248-803-56 US-60-248-803-56 US-60-248-805-65 US-60-248-805-65 US-60-248-805-36 US-60-248-805-36 US-60-248-805-36 US-60-248-805-36 US-60-248-805-36 US-60-248-805-36 US-60-248-805-36 US-60-248-805-36
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1421 1452 1818 3275 3275 3275 23375 24034 38937 48937 59740 61879 99568 140715 142631 213456 225200 225200
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1122 - 122 -
24444444444444444444444444444444444444
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ALIGNMENTS

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Sequence 964, Application US/09543679A
Sequence 964, Application GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHAD FOR TRRAIMENT
OF ATRMAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                         ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
RAPPLICATION NUMBER: US/09/543,679A
FILLING DATE: 13-APT-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/GENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TOPOLOGY: linear ; SEQUENCE DESCRIPTION: SEQ ID NO: 964: US-09-543-679A-964
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: <UNKNOWN>
INFORMATION FOR SEQ ID NO: 964:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGIH: 14 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                   3111
                                                                                                                                                                                                                                                                                                                                                                             ZIP: 08512
COMPUTER READABLE FORM:
                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 3.
CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE:
                         US-09-543-679A-964
RESULT
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Gaps 0; Query Match
Best Local Similarity 100.0%; Score 14; DB 5; Length 14;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 14; Conservative 0; Mismatches 0; Indels

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STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 2434:
                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: 609-409-30;
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS
                                                                                                         COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
                                                                                                                           MEDIUM TYPE: CD-R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: CD-R
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEX: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 CCTGGTCCCTCCGT 14
                                                                    USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
                                                                                    08512
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 08512
                                              STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                     SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: NJ
                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-543-679A-2421/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-543-679A-2434
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                                                                                                                               Sequence 2422, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & WETHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         S-09-543-6/9A-2434/c
Sequence 2434, Application US/09543679A
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLICONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRMAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
                                                                                                                                                                                                                                                                                                               ADDRESSEE: BPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: EPI-0067191b TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE DESCRIPTION: SEQ ID NO: 2422;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 1942 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 2422:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: CD-R
                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 3. CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.
Matches 14; Conservative
                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1653 CCTGGTCCCTCCGT 1640
                    1 CCTGGTCCCTCCGT 14
1 CCTGGTCCCTCCGT 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                         USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 CCTGGTCCCTCCGT 14
                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 08512
                                                                                                                                                                                                                                                                                                                                                                     STATE: NJ
COUNTRY: U
                                                                                                                 US-09-543-679A-2422/C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-543-679A-2434/c
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                                                                                                RESULT
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Sequence 2421, Application US/09543679A

GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRMAY DISORBER ASSOCIATED WITH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 14; DB 5; Length 1942; 100.0%; Pred. No. 32; tive 0; Mismatches 0; Indels
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: EPI-0067191b TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-APT-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE DESCRIPTION: SEQ ID NO: 2434:
                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                  COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 1942 base pairs
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Gaps

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Sequence 2423, Application US/09543679A GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 5962 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 2423:
                                                                              ;;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 3111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 08512
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEX: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best_Local Similarity 100.
Matches 14; Conservative
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                                                                                 Conservative
                                                                                                                                              Db 1627 CCTGGTCCCTCCGT 1614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 CCTGGTCCCTCCGT 14
                                                                                                                        1 CCTGGTCCCTCCGT 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE:
                                                         Best_Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                   US-09-543-679A-2423/c
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                                         Query Match
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GENERAL INFORMATION:
APPLICANT: NYCE, JODATHAN W.
APPLICANT: NYCE, JODATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLECTIDE, COMPOSITIONS, KIT & METHOD FOR TREATMENT OF ALTWAY DISORDERS ASSOCIATED WITH BRONCHCOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                             ;
0
                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 14; DB 5; Length 2900; 100.0%; Pred. No. 31;
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                     NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 2433:
US-09-543-679A-2433
                                                                                                                                                                                                                                                                               TOPOLOGY: linear
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SEQUENCE DESCRIPTION: SEQ ID NO: 2421:
US-09-543-679A-2421
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/127,958 FILING DATE: 1998-08-03 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                         TELEX: <URKNOWN>
INFORMATION FOR SEQ ID NO: 2421:
SEQUENCE CHRRACTERISTICS:
LENGTH: 2900 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 2900 base pairs
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 2433:
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
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Best Local Similarity 100.0
Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1627 CCTGGTCCCTCCGT 1614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: N/A
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ZIP: 08512
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US-09-543-679A-2433/c
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US-09-543-679A-3005/c
i Sequence 3005, Application US/09543679A
; General INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
                                                                                                                                                                                                                                                                                               APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
                                                                                                                                                                                                                                                                                                                                          COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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100.0%; Score 14; DB 5; Length 2900; 100.0%; Pred. No. 31;
                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear ; SEQUENCE DESCRIPTION: SEQ ID NO: 2423: US-09-543-679A-2423
                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
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COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 3002, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                    ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive
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REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/09/543,679A FILING DATE: 13-Apr-2000 CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 3005:
                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:

**PAPLICATION NUMBER: 60/127,958

**FILING DATE: 1998-08-03

**ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 11786 base pairs
TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                               SOFTWARE: N/A
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: single
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MEDIUM TYPE: CD-R
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COMPUTER READABLE FORM:
MEDIUM TYPE: CD-R
                                                                                    CORRESPONDENCE ADDRESS
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Matches 14; Conservative
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COUNTRY: USA
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Gaps
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STREET: 7 Clarke Drive
CITY: Cranbury
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                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: EPI-0067191b TELECOMMUNICATION INFORMATION:
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COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: N/A
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-APT-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 3002:
US-09-543-679A-3002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
                FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                         NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1717, Application US/09543679A; GENERAL INFORMATION:

APPLICANT: NYCE, Jonathan W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 3002:
SEQUENCE CHARACTERISTICS:
LENGTH: 117608 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: 609-409-3035
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                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS
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COMPUTER READABLE FORM:
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Best Local Similarity 100.
Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 CCTGGTCCCTCCGT 14
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LENGTH: 123 base pairs

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LENGTH: 84272
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US-60-248-505-65
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GENERAL INFORMATION:
APPLICANT: Sellhamer, Jeffrey J.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuart, Susan G.
APPLICANT: Manghton, Rebecca E.
TITLE OF INVENTION: POLYNUCLEOTIDES OF AIRWAY AND LUNG SYSTEM TISSUE
FILE REPERRACE: DP.1034 CIP
CURRENT APPLICATION NUMBER: US/09/540,212A
CURRENT FILING DATE: 2000-03-31
NUMBER OF SEQ ID NOS: 67551
SOFTWARE: PERL PROGRAM
SEQ ID NO 57069
LENGTH: 302
                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Scalhamer, Jeffrey J.
APPLICANT: Scalhamer, Angelo M.
APPLICANT: Start. Susan G.
APPLICANT: Start. Susan G.
APPLICANT: Mullahy, Sara J.
APPLICANT: Waughton, Rebecca E.
TITLE OF INVENTION: POLYNUCLEOTIDES OF AIRWAY AND LUNG SYSTEM TISSUE CURRENT APPLICATION NUMBER: US/09/540,212A
CURRENT APPLICATION NUMBER: 2000-03-31
NUMBER OF SEQ ID NOS: 67551
SOFTWARE: PERL PROGram
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                                                                                                                                               Length 123
                                                                                                                                                                                      0; Indels
                                                                                                                                             92.9%; Score 13; DB 5; L6 100.0%; Pred. No. 1.2e+02; tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ) NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No: hu01140933
US-09-540-212A-56928
; TYPE: nucleic acid

STRANDEDNESS: single

; TOPOLOGY: linear

US-09-543-679A-1717:
                                                                                                                                                                                                                                                                                                                                                                           Sequence 56928, Application US/09540212A GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 92.9
Best Local Similarity 100.
Matches 13; Conservative
                                                                                                                                           Query Match 92.9
Best Local Similarity 100.
Matches 13; Conservative
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                                                                                                                                                                                                                                                       18 CCTGGTCCCTCCG 30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
                                                                                                                                                                                                                                  1 CCTGGTCCCTCCG 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-540-212A-57069
                                                                                                                                                                                                                                                                                                                                                           JS-09-540-212A-56928
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 56928
LENGTH: 290
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
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TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: cl000918
CURRENT APPLICATION NUMBER: US/60/248,505
CURRENT FILING DATE: 2000-11-15
NUMBER OF SEQ ID NOS: 1998
SOFTWARE: FRASEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Beasley, Ellen
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: cl000918
CURRENT APPLICATION NUMBER: US/60/248,505
CURRENT PILLING DATE: 2000-11-15
NUMBER OF SEQ ID NOS: 1998
SOFTWARE: FRASEQ FOR Mindows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          92.9%; Score 13; DB 6; Length 84272; 100.0%; Pred. No. 97;
                                                                                             92.9%; Score 13; DB 5; Length 302; 100.0%; Pred. No. 1.2e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Prea. ...
; OTHER INFORMATION: Incyte ID No: hu00975882 US-09-540-212A-57069
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 231, Application US/60248505; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                   Sequence 65, Application US/60248505; GENERAL INFORMATION:
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| LOCATION: (1)...(107487)

| OTHER INFORMATION: n = A,T,C or G

US-60-248-505-231
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION: (1)...(84272)
, OTHER INFORMATION: n = A,T,C or G
US-60-248-505-65
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Matches 13; Conservative
                                                                                                                                                  13; Conservative
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                                                                                                                                                                                                  1 CCTGGTCCCTCCG 13
                                                                                                    Query Match
Best Local Similarity
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US-60-248-505-231/c
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ORGANISM: human
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LENGTH: 107487
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Sequence 32, Application US/60248823
GENERAL INFORMATION:
APPLICANT: Beasley. Ellon
TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN LIPASE PROTEINS, AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: CL000949
CURRENT APPLICATION NUMBER: US/60/248,823
CURRENT FILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 189
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 88.6%; Score 12.4; DB 5; Length 190; Best Local Similarity 92.9%; Pred. No. 2.6e+02; Matches 13; Conservative 0; Mismatches 1; Indels C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 340, Application US/09442385
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
APPLICANT: Lukashev, Matvey
TITLE OF INVENTION: Cancer Array
FILE REFERENCE: CLON-006CIP14
CURRENT APPLICATION NUMBER: US/09/442,385
CURRENT APLICATION NUMBER: US/09/33.375
PRIOR PILLING DATE: 1998-03-31
NUMBER OF SEQ ID NOS: 1185
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 340
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Nucleic Acid Probe US-09-442-385-340
                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature
LCCATION: (1)...(148098)
COTHER INFORMATION: n = A,T,C or G
US-60-248-823-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.(
Matches 13; Conservative
Db 18409 CTGGTCCTCCGT 18397
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ORGANISM: HUMAN
                                                                                               RESULT 14
US-60-248-823-32/c
                                                                                                                                                                                                                                                                                                                                                                             148098
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Search completed: April 26, 2001, 17:25:52

Job time: 61689 sec

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April 26, 2001, 15:31:52; Search time 11829.6 Seconds (without alignments) 6.162 Million cell updates/sec IDENTITY_NUC Gapop 10.0 , Gapext 1.0 1 GGTGGCTCCTCTGC 14 US-09-093-972C-962 Perfect score: Scoring table: Sequence: Run on:

26337766 Total number of hits satisfying chosen parameters:

13168883 seqs, 2603265903 residues

Searched:

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Ptodata/2/pna/US6004_COMB.seq: Ptodata/2/pna/US6005_COMB.seq: Ptodata/2/pna/US6006_COMB.seq: ptodata/2/pna/US6007_COMB.seq: Ptodata/2/pna/US6008_COMB.seq: Ptodata/2/pna/US6009_COMB.seq: Ptodata/2/pna/US6010_COMB.seq: /cgn2_6/ 1110... 1111.. Database :

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/cgn2_6/ptodata/2/pna/US6022_COMB.seq:*
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/cgn2_6/ptodata/2/pna/US6025_COMB.seq:*
/cgn2_6/ptodata/2/pna/US6025_COMB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	Sequence 962, App	Sequence 965, App	Sequence 10, Appr	Sequence 10, Appl Sequence 22235, A	Sequence 28680, A	Sequence 3986, Ap	15590,	3986,	Sequence 1590, Ap	equence 1/53,	Sequence	Sequence 16849	Sequence 1934.	9077	181	6	90, App	Sednence 998	Sequence 126949,	2956,		1143,	Sequence 049, App	9	Sequence 609, App	609	609	a 30495,	38644,	Sequence 30495, A	166	1877,	77, A	Sequence 410166	Seguence	10090,		Sequence 2091, Ap	1000	equence 2256.	
SUMMARIES	ID	S-09-093-972C-96	S-09-509-152A-96	-08-126-336A:1	US-U8-310-416-1U	S-60-1/2-3/3-2 S-60-217-080-2	S-09-076-667-39	S-09-534-843-155	-60-048-002	S-09-453-	S-09-229-412-1753	-189-65/-1/0640	5-09-634-61/-1684	-664-010-10643 -496-911-5934	-002-209-60-	5-231-181	135-162-	S-60-140-806-9	528-409-9989	S-09-521-640-1	S-09-577-408-	S-60-236-359-3	-09-726-811-1	US-60-169-400-649	-09-/20-811-450 18-196-3628-609	-08-196-362D-6	-08-196-362E-60	08-196-362F-609	S-09-235-076-30	S-09-289-768-3864	US-09-332-782-30495	7-233-372	S-09-652-814-18	-716-973-7	-09-654-617-41	-684-016-41016	S-09-733-089-1	S-09-652-918-6	US-09-3/I-508-269I	2-03-1/1-200-2	-316	77 016 701 00
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RESULT
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                                                                                                                             TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION & TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: MULTIPLE TARGET HYBRIDIZING COMPOSITION
FORMULATIONS, KITS & APPLICATIONS
NUMBER OF SEQUENCES: 2419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0;
                                                                                                                                                                                                                                                                                                                                                                                      CUDUNTA: USA

ZIP: 08512

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-7un-1998

FILING DATE: 7-7une-1998
FILING DATE: 7-3une-1995
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-1une-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 7-3une-1995
APPLICATION NUMBER: US 08/72,527
FILING DATE: 7-3une-1995
APPLICATION NUMBER: US 08/72,527
FILING DATE: 7-3une-1995
APPLICATION NUMBER: US 08/72,527
FILING DATE: 7-3une-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-3unary-1998
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-3unary-1998
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                                                                                                                                                                                                            NUMBER OF SEQUENCES: 996
CORRESPONDENCE ADDRESS:
ADDRESSEE: FPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
100.0%; Score 14; DB 14;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 14; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) SEQUENCE DESCRIPTION: SEQ ID NO: 962: US-09-093-972C-962
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                               Sequence 962, Application US/09093972C GENERAL INFORMATION: APPLICANT: Nyce, Jonathan W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 962: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 14 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                      CITY: Cranbury
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        <Unknown>
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RESULT 1
US-09-093-972C-962
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Jone-Long Ko et al.
TITLE OF INVENTION: CHIMERIC PROTEINS WHICH INHIBIT
TITLE OF INVENTION: COMPLEMENT ACTIVATION
CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 CLARKE DRIVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 14; DB 19; 100.0%; Pred. No. 1.8e+03;
                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,152A
FILING DATE: 17-Mar-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TOPOLOGY: linear ; SEQUENCE DESCRIPTION: SEQ ID NO: 965: US-09-509-152A-965
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50z or 55sx
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/126,596A
                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 60/059,160
FILING DATE: 1997-09-17
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-126-596A-10/c
Sequence 10, Application US/08126596A
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      September 24, 1993
                                                                                                                                                                                          COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 10
CORRESSONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
                                                                                                                                                                    MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 14 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 965: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
                                                                                                                       ZIP: 08512
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: September
CLASSIFTCATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                   ASCII
                                                          CITY: CRANBURY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Massachusetts
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                                                                                                        COUNTRY: USA
                                                                                STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: U.S.A.
ZIP: 02110-2804
                                                                                                                                                                                                                                   SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Boston
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Jone-Long Ko
APPLICANT: Jone-Long Ko
APPLICANT: Paul J. Higgins
APPLICANT: Carace Yeh
TITLE OF INVENTION: CHIMERIC PROTEINS WHICH BLOCK
TITLE OF INVENTION: COMPLEMENT ACTIVATION
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IEM PS/2 Model 502 or 555X
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: WORDPERFECT (Version 5.1)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY AUGUST CIGIK
NAME: POUL T. CIGIK
REGISTRATION NUMBER: 30.162
REFERENCE/DOCKET NUMBER: 06180/005001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEPRORE: (617) 542-8906
                                                           REFERENCE, DOCKET NUMBER: 06180/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-8070
TELEEX: 200154
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/310,416
FILING DATE: September 22, 1994
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: September 22, 1994 CLASSIFICATION: 530 PRIOR APPLICATION DATA: APPLICATION NUMBER: 08/126,596 FILING DATE: September 24, 1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 10, Application US/08310416 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Fish & Richardson STREET: 225 Franklin Street
                                            30,162
ATTORNEY/AGENT INFORMATION:
NAME: Paul T. Clark
REGISTRATION NUMBER: 30,)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Massachusetts
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                                                                                                                                                                                                                                                                                                linear
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                                                                                                                                                                                                                                                                                                TOPOLOGY:
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DB 7;

100.0%; Score 14;

Query Match

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Sequence 22235, Application US/60172373

Sequence 22235, Application US/60172373

SEQUENCE 22235, Application:
APPLICANT: MacDonald
APPLICANT: Lal, Preeti
APPLICANT: Diep, Dinh
APPLICANT: Diep, 
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                                              Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Glenn, Matthew
APPLICANT: Grigor, Murray R.
TITLE OF INVENTION: Compositions isolated from bovine tissue
TITLE OF INVENTION: and methods for their use.
FILE REFERENCE: 1051P2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 14; DB 49; Length 51; 100.0%; Pred. No. 2.1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
100.0%; Pred. No. 2e+03;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No: SNP00001216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/60/217,080 CURRENT FILING DATE: 2000-07-10 NUMBER OF SEQ ID NOS: 35169 SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 28680
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; NAME/KEY: Snp
; LOCATION: 26
; OTHER INFORMATION: 241059.5, 1727, A->C
US-60-172-373-22235
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 28680, Application US/60217080 GENERAL INFORMATION:
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        Best Local Similarity 100.
Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 GGTGGCTCCTCTGC 14
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                                                                                                                                                                                                    21 GGTGGCTCCTCTGC 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 6
US-60-217-080-28680
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US-60-172-373-22235
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APPLICANT: Stuart, Susan G.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuart, Susan G.
APPLICANT: Ito, Laura Y.
APPLICANT: Akerblom, Ingrid E.
APPLICANT: Abelegeane, Angelo M.
APPLICANT: Naughton, Rebecca E.
APPLICANT: Klingler, Tod M.
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM TITLE OF INVENTION: HUMAN BRAIN
CURRENT FILING DATE: 2000-03-24
Prior application data removed - refer to PALM or file wrapper NUMBER OF SEQ ID NOS: 49783
SOFTWARE: PERL Program
SEQ ID NO 15590
LENGTH: 220
                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 14; DB 20; Length 220; 100.0%; Pred. No. 2.4e+03; Ative 0; Mismatches 0; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/60/048,002
                                                                                                                                                                                                                   NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No: hu00326089
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: CERRONE, MICHAEL C.
RECISTRATION NUMBER: 39,132
REFERENCE/DOCKET NUMBER: PD-0370P
TELECOMMUNICATION INFORMATION:
TELEPAN: (415) 845-0555
TELEFAX: (415) 845-4166
INFORMATION FOR SEQ ID NO: 3986:
                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: a, t, c, g, or other US-09-534-843-15590
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 3986, Application US/60048002 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gooding, Douglas H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 220 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   218 GGTGGCTCCTCTGC 205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 GGTGGCTCCTCTGC 14
                                                                                                                                           TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                  NAME/KEY: unsure
LOCATION: 191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-60-048-002-3986/c
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APPLICANT:
                                                                                                                                                                                             FEATURE:
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Sequence 15590, Application US/09534843
SEQUENCE INFORMATION:
APPLICANT: Seilhamer, Jeffrey J.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuart L.
APPLICANT: Study, Laura L.
APPLICANT: Mullahy, Sara J.
APPLICANT: Mullahy, Sara J.
TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING OR REGULATING SIGNAL TRANSDUCTION MOLEC
FILE REFERENCE: PD-1007 CLP
CURRENT APPLICATION NUMBER: US/09/534,843
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                      APPLICANT: Stuve, Laura L.
APPLICANT: Stuve, Laura L.
APPLICANT: Stuve, Laura L.
APPLICANT: Stuve, Laura L.
APPLICANT: To, Laura V.
APPLICANT: Ito, Laura V.
APPLICANT: Delegeane, Angelo M.
APPLICANT: Maughton, Rebecca E.
APPLICANT: Maughton, Rebecca E.
APPLICANT: Mingler, Tod M.
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM TITLE OF INVENTION: HUMAN BRAIN
NUMBER OF SEQUENCES: 4483
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 14; DB 14; Length 220; 100.0%; Pred. No. 2.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/076,667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Preu. ...
                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: INCYTE PHARMACEUTICALS, INC. STREET: 3174 PORTER DRIVE CLIY: PALO ALTO STATE: CALIFORNIA COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: CERRONE, MICHAEL C.
REGISTRATION NUMBER: 39,132
REFERENCE/DOCKET NUMBER: PD-0370P
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 845-055
TELEPHONE: (415) 845-4166
INFORMATION FOR SEQ ID NO: 3986;
SEQUENCE CHARACTERISTICS:
                                     US-09-076-667-3986/c; Sequence 3986, Application US/09076667; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 220 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 100.08 Best Local Similarity 100.08 Matches 14; Conservative
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MOLECULE TYPE: CDNA

IMMEDIATE SOURCE:

CLONE: 3271070H1

US-09-076-667-3986
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-534-843-15590/c
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LOCATION: 11, 91, 163, 173, 193, 214, 222, 244, 246
OTHER INFORMATION: a or g or c or t, unknown, or other
FEATURE: -
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                                                                               CTHER INFORMATION: 700784464H1
US-09-229-412-1753
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Triticum aestivum
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Best Local Similarity 100.
Matches 14; Conservative
                                                                                                                                                               Query Match
Best Local Similarity 100.
Matches 14; Conservative
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                                                                                                                                                                                                                                                                          120 ggtggctcctctgc 133
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Best Local Similarity
Matches 14; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 13
US-09-654-617-168491
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LENGTH: 378
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APPLICANT: Stuve, Laura L.
APPLICANT: Gooding, Douglas H.
APPLICANT: Gooding, Charles C.
APPLICANT: Gooding, Charles C.
APPLICANT: Gooding, Douglas H.
APPLICANT: Argentine, Charles C.
APPLICANT: Rimm, Juli D.
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM RAT BRAIN
FILE REFERENCE: P2-0657 US
CURRENT PAPLICATION NUMBER: US/09/229,412
CURRENT FILING DATE: 1999-01-11,763
EARLIER FILING: OATE: January 16, 1998
BARLIER PILING OATE: January 16, 1998
NUMBER OF SEQ ID NOS: 4,732
SEQ ID NO: 4,732
SEQ ID NO 1753
LENGTH: 263
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GENERAL INFORMATION:
APPLICANT: Stuve, Laura L.
APPLICANT: Mullahy, Sara J.
TITLE OF INVENTION: POLYUCLEOTIDES AND POLYPEPTIDES DERIVED FROM RAT LUNG;
FILE REFERENCE: P2-0103 US
CURRENT APPLICATION NUMBER: US/09/453,704
CURRENT APPLICATION NUMBER: US/09/453,704
EARLIER APPLICATION NUMBER: 60/111,751
EARLIER PILING DATE: 98-12-10
NUMBER OF SEQ ID NOS: 2213
SOFTWARE: PERL PROGRAM
SEQ ID NO 1590
LENGTH: 227
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                                                                                    Length 220;
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OTHER INFORMATION: a or g or c or t, unknown, or other FEBATURE:
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100.0%; Score 14; DB 18;
Best Local Similarity 100.0%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 0;
                                                                                  Query Match 100.0%; Score 14; DB 36; Best Local Similarity 100.0%; Pred. No. 2.4e+03; Matches 14; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Sequence 1753, Application US/09229412; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: 701095175H1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Rattus norvegicus
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                        US-60-048-002-3986
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RESULT 12
US-60-189-657-17069/C
; Sequence 17069, Application US/60189657
; General Information:
; APPLICANT: Andersen:
; APPLICANT: Andersen:
; APPLICANT: Hammond-Kosack, Kim
; APPLICANT: Hammond-Kosack, Kim
; APPLICANT: Urban, Martin
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH
; TITLE OF INVENTION: PLANTS
; FILE REFERENCE: 38-21(51838)A
; CURRENT APPLICATION NUMBER: US/60/189,657
; UNMBER OF SEQ ID NOS: 22822
; SEQ ID NO 17069
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100.0%; Score 14; DB 16; Length 263; 100.0%; Pred. No. 2.4e+03; Live 0; Mismatches 0; Indels
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CURRENT FILING DATE: 2000-09-05
NUMBER OF SEQ ID NOS: 463177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 168491, Application US/09654617
GENERAL INFORMATION:
APPLICANT: APPLICANT: Liu, Jingdong
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Ouery Match

Best Local Similarity 100.0%; Pred. No. 2.5e+03;

Matches 14; Conservative 0; Mismatches 0; Indels (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5934, Application US/09496911
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained
TITLE OF INVENTION: From Various Libraries
FILE REFRENCE: 786
CURRENT APPLICATION NUMBER: US/09/496,911
CURRENT FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 13944
SOUTHWARE: Hy-patent.pl Version 3.1
SEQ ID NO 5934
LENGTH: 387
US-09-684-016-168491
| Sequence 168491, Application US/09684016
| GENERAL INFORMATION:
| APPLICANT: Kovalic, David K. APPLICANT: Liu, Jingdong Annotated Plant Genes TITLE OF INVENTION: 38-21(15097)0
| CURRENT PELING DATE: 2000-10-10
| CURRENT FILING DATE: 2000-10-10
| PRIOR FILING DATE: 2000-09-05
| NUMBER OF SEQ ID NOS: 463173
| SEQ ID NO 168491
                                                                                                                                                                                                                                                                                               TYPE: DNA : ORGANISM: Arabidopsis thaliana nossen US-09-684-016-168491
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                308 ggtggctcctctgc 321
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COGANISM: Homo sapiens
US-09-496-911-5934
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Search completed: April 26, 2001, 15:31:53 Job time: 30518 sec

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Sequence 63735, A Sequence 63735, A Sequence 2421, Ap Sequence 2421, Ap Sequence 2423, Ap Sequence 3002, Ap Sequence 3002, Ap Sequence 60, Appli Sequence 60, Appli Sequence 61, Appli
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                                                                                                                                               April 26, 2001, 17:25:52; Search time 217.85 Seconds (without alignments) 17:666 Million cell updates/sec
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Sequence
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:: /cgn2_c/ptodata_7/pna_YPCT_NEW_COMB.seq:*
:: /cgn2_6/ptodata_7/2/pna_VUS06_NEW_COMB.seq:*
:: /cgn2_6/ptodata_7/2/pna_VUS08_NEW_COMB.seq:*
:: /cgn2_6/ptodata_7/2/pna_VUS08_NEW_COMB.seq:*
:: /cgn2_6/ptodata_7/2/pna_VUS08_NEW_COMB.seq:*
:: /cgn2_6/ptodata_7/2/pna_VUS08_NEW_COMB.seq:*
:: /cgn2_6/ptodata_7/2/pna_VUS06_NEW_COMB.seq:*
4.5
Compugen Ltd.
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US-09-541-679A-28735
US-09-543-679A-2432
US-09-543-679A-2432
US-09-543-679A-2433
US-09-543-679A-2433
US-09-543-679A-3002
US-09-543-679A-3002
US-09-543-679A-3002
US-09-446-289-61
US-09-446-289-61
US-09-446-289-62
US-09-446-289-63
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US-09-446-289-69
US-09-446-289-70
US-09-446-289-71
US-09-446-289-73
US-09-446-289-73
US-09-446-289-74
US-09-446-289-74
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                                                                                                                                                                                                                                                                                                                                                                                                                                       187195 seqs, 137450115 residues
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GenCore version
Copyright (c) 1993 - 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                     using sw model
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length: 2000000000
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Match Length

    nucleic search,

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Maximum DB seq
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Perfect score:
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                                                                                                                                                                                                                                                                                                          Sequence:
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                                                                                                                                                       Run on:
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Gaps
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86,
87,
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Sequence 965, Application US/09543679A
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                            Sequence Seq
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Sequence 8
Sequence 8
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US-09-446-289-76
US-09-446-289-77
US-09-446-289-78
US-09-446-289-80
US-09-446-289-81
US-09-446-289-82
US-09-446-289-83
US-09-446-289-88
US-09-446-289-88
US-09-446-289-89
US-09-446-289-99
US-09-446-289-99
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; SEQUENCE DESCRIPTION: SEQ ID NO: 965: US-09-543-679A-965
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM COmpatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
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INFORMATION FOR SEQ ID NO: 965:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGIH: 14 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCES: 3111
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: N/A
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       US-09-543-679A-965
          RESULT
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US-09-543-679A-2434
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APPLICANT: Delegeane, Angelo M.
APPLICANT: Studer, Susan G.
APPLICANT: Studer, Susan G.
APPLICANT: Studer, Susan G.
APPLICANT: Mullahy, Sara J.
APPLICANT: Mullahy, Sara J.
APPLICANT: Naulahy, S
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: NYCE, JOHATHAN W
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLICONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 100.0%; Score 14; DB 5; Length 227; Best Local Similarity 100.0%; Pred. No. 45; Matches 14; Conservative 0; Mismatches 0; Indels
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No: rat00074057
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REPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
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APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
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: LOCATION: 48, 76, 172
: OTHER INFORMATION: a, t, c, g, or other
US-09-540-212A-63735
                                                                                                                                                                                                                                                                                                                         Sequence 63735, Application US/09540212A GENERAL INFORMATION:
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ZIP: 08512
COMPUTER READABLE FORM:
MEDIUM TYPE: CD-R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Rattus norvegicus
                                           1 GGTGGCTCCTCTGC 14
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GGTGGCTCCTCTGC 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 GGTGGCTCCTCTGC 14
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US-09-543-679A-2422/c
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Sequence 2434, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLICONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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STREET: 7 Clarke Drive
                                                                     REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 14; DB
100.0%; Pred. No. 45;
iive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-APT-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                      ; TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 2422: US-09-543-679A-2422
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SEQUENCE DESCRIPTION: SEQ ID NO: 2434:
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FILING DATE: 1998-08-03
                       NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                     TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                      LENGTH: 1942 base pairs
                                                                                                                                                 TELEX: CUNKNOWN>
INFORMATION FOR SEQ ID NO: 2422:
SEQUENCE CHARACTERISTICS:
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ATTORNEY/AGENT INFORMATION:
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INFORMATION FOR SEQ ID NO: 2434:
                                                                                                                                TELEFAX: 413-254-9245
                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 413-254-9245
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                          14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 GGTGGCTCCTCTGC 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE:
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Best Local Similarity
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US-09-543-679A-2434/C
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Sequence 2423, Application US/09543679A

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLICONUCLEOTIDE,
COMPOSITIONS, KIT & WETHOD FOR TREATMENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
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                     BRONCHOCONSTRICTION, LUNG INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 14; DB 5; Length 2900; 100.0%; Pred. No. 45;
OF AIRWAY DISORDERS ASSOCIATED WITH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Indels
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                                                                                         ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: EPI-0067191b TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
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SEQUENCE DESCRIPTION: SEQ ID NO: 2433:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Amzel, Viviana REGISTRATION NUMBER: 30,930
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                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
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SEQUENCE CHARACTERISTICS:
LENGTH: 2900 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 7 Clarke Drive CITY: Cranbury
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                                                                                                                   STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 413-254-9245
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STRANDEDNESS: single
                                             NUMBER OF SEQUENCES: 3111
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                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                             MEDIUM TYPE: CD-R
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Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                      CITY: Cranbury
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                                                                                                                                                                                                                                                                                                                              SOFTWARE: N/A
                                                                                                                                                                                       USA
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                                                                                                                                                                                                            ZIP: 08512
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                                                                                                                                                                 STATE: NJ
                                                                                                                                                                                       COUNTRY:
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                                                                             Gaps
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1S-673-679A-2433/C
1S-69-613, Application US/09543679A
5 Sequence 2433, Application US/09543679A
5 GENERAL INFORMATION:
6 GENERAL INFORMATION:
7 TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
7 TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
7 TITLE OF INVENTION: COMPOSITIONS, KIT & METHOD FOR TREATMENT
                                                                                                                                                                                                                                                                                                                      RAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                          100.0%; Score 14; DB 5; Length 1942; 100.0%; Pred. No. 45;
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                                                                             0; Indels
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
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RPPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
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                                                                             0; Mismatches
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APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                  Sequence 2421, Application US/09543679A GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 2421:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 413-254-9245
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STRANDEDNESS: single
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                                 Query Match 100.0
Best Local Similarity 100.0
Matches 14; Conservative
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                                                                                                                                                  1765 GGTGGCTCCTCTGC 1752
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 08512
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Best Local Similarity
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                                                                                                                                                                                                                                                                    US-09-543-679A-2421/c
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Gaps

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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
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; OTHER INFORMATION: n = A,T,C or G
US-60-248-822-7
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          STRANDEDNESS: single
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Best Local Similarity 100.0
Matches 14; Conservative
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                                                                                                                       Query Match
Best Local Similarity
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ORGANISM: Human
                                                                                                                                                                                                                                                                                                                  US-60-248-822-7/c
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APPLICANT: NCCE, JONATHAN W.

TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,

COMPOSITIONS, KIT & METHOD FOR TREATMENT

OF AIRWAY DISORDERS ASSOCIATED WITH

BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 14; DB 5; Length 5962; 100.0%; Pred. No. 45;
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ADDRESSEE: BPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
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REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
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                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 2423:
                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
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**PAPLICATION NUMBER: 60/127,958

**FILING DATE: 1998-08-03

ATTORNEY/AGENT INPORMATION:
                                                                                                           NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-543-679A-3005/c
; Sequence 3005, Application US/09543679A
; GENERAL INFORMATION:
FILING DATE: 13-Apr-2000
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TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                   LENGTH: 5962 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                    CLASSIFICATION: UNKNOWN
                                                                                                                                                                                          TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
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TYPE: nucleic acid
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INFORMATION FOR SEQ ID NO: 2423;
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CURRENT APPLICATION DATA:
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Best Local Similarity 100.0
Matches 14; Conservative
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COUNTRY: USA
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GENERAL INFORMATION:
APPLICANT: Beastly Ellin
TITLE OF INVENTION: ISOLATED HUMAN PHOSPHODIESTERASE
TITLE OF INVENTION: PROPEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN
TITLE OF INVENTION: PHOSPHODIESTERASE PROTEINS, AND USES THEREOF
CURRENT APPLICATION NUMBER: US/60/248,822
CURRENT FILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 30
SOFTHARE: FastSEQ for Windows Version 4.0
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                                                                                                                                       100.0%; Score 14; DB 5; Length 11786; 100.0%; Pred. No. 45;
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                                                                                                                                                                                             0; Indels
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                                                                                                                                                                                          Mismatches
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 3005:
US-09-543-679A-3005
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APPLICANT: NYCE, Jonathan W.
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GENERAL INFORMATION:
APPLICANT: Deutsches Krebsforschungszentrum
APPLICANT: Sczakiel, Georg
APPLICANT: Patzel, Volker
TITLE OF INVENTION: Antisense nucleic acids targeting HBV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Deutsches Krebsforschungszentrum
APPLICANT: Sczakiel, Georg
APPLICANT: Patzel, Volker
TITLE OF INVENTION: Antisense nucleic acids targeting HBV
                                                                                                                                           REFERENCE/DOCKET NUMBER: EPI-0067191b TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 14; DB 100.0%; Pred. No. 45;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: K 2642
CURRENT APPLICATION NUMBER: US/09/446,289
CURRENT FILING DATE: 2000-04-13
FRIOR APPLICATION NUMBER: 19725803.4
PRIOR FILING DATE: 1997-06-18
NUMBER OF SEQ ID NOS: 121
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO: 22
                                                                                                                                                                                                                                                                                                                                                                           ; SEQUENCE DESCRIPTION: SEQ ID NO: 3002: US-09-543-679A-3002
             PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                           LENGTH: 117608 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-446-289-3/c; Sequence 3, Application US/09446289; GENERAL INFORMATION:
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                  TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                         TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 3002:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
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Best Local Similarity 100.
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                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: antisense; OTHER INFORMATION: nucleic acid against RNA originating from HBV US-09-446-289-60
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                                                                                                                                                                                                                                                                                                                                                                                                       92.9%; Score 13; DB 5; Length 59; 100.0%; Pred. No. 1.6e+02; tive 0; Mismatches 0; Indels
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APPLICANT: Patzel, Volker
TITLE OF INVENTION: Antisense nucleic acids targeting HBV
FILE REFERENCE: K 2642
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Sczakiel, Georg
APPLICANT: Patzel, Volker
TITLE OF INVENTION: Antisense nucleic acids targeting HBV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 62, Application US/09446289
GENERAL INFORMATION:
APPLICANT: Deutsches Krebsforschungszentrum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 13
US-09-446-289-61/c
; Sequence 61, Application US/09446289
Segmence A. Application:
; Septemble InfoRMATION:
; APPLICANT: Deutsches Krebsforschungszentrum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/446,289 CURRENT FILING DATE: 2000-04-13 PRIOR APPLICATION NUMBER: 19725803.4 PRIOR FILING DATE: 1997-06-18
CURRENT APPLICATION NUMBER: US/09/446,289
CURRENT FILING DATE: 2000-04-13
PRIOR APPLICATION NUMBER: 19725803.4
PRIOR FILING DATE: 1997-06-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: K 2642
CURRENT APPLICATION NUMBER: US/09/446,289
CURRENT FILING DATE: 2000-04-13
PRIOR APPLICATION NUMBER: 19725803.4
PRIOR FILING DATE: 1997-06-18
NUMBER OF SEQ ID NOS: 121
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                           TYPE: RNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best_Local Similarity 100.
Matches 13; Conservative
                                                                                                     NUMBER OF SEQ ID NOS: 121
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 60
LENGTH: 59
                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 92.9
Best Local Similarity 100.
Matches 13; Conservative
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LENGTH: 60
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                                                                                                                                           FEATURE:
COTHER INFORMATION: Description of Artificial Sequence: antisense
FEATURE INFORMATION: nucleic acid against RNA originating from HBV
OS-09-446-289-62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Description of Artificial Sequence: antisense; OTHER INFORMATION: nucleic acid against RNA originating from HBV US-09-446-289-63
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sequence 63, Application US/09446289
| Sequence 63, Application US/09446289
| GENERAL INFORMATION:
| APPLICANT: Deutsches Krebsforschungszentrum
| APPLICANT: Patzel, Volker
| APPLICANT: Patzel, Volker
| TITLE OF INVENTION: Antisense nucleic acids targeting HBV
| FILE REFERENCE: R 2642
| CURRENT APPLICATION NUMBER: US/09/446,289
| CURRENT FILING DATE: 2000-04-13
| PRIOR PILING DATE: 19725803.4
| PRIOR FILING DATE: 19725803.4
| SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                       Query Match 92.9%; Score 13; DB 5; Length 61; Best Local Similarity 100.0%; Pred. No. 1.6e+02; Matches 13; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 92.9%; Score 13; DB 5; Length 62; Best Local Similarity 100.0%; Pred. No. 1.6e+02; Matches 13; Conservative 0; Mismatches 0; Indels
NUMBER OF SEQ ID NOS: 121
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 62
LENGTH: 61
TYPE: RNA
ORGANIEM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: RNA
ORGANISM: Artificial Sequence
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LENGTH: 62
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Search completed: April 26, 2001, 17:25:55 Job time: 61692 sec

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GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
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OM nucleic - nucleic search, using sw model

(without alignments)
7.922 Million cell updates/sec April 26, 2001, 15:31:53 ; Search time 11829.6 Seconds Run on:

US-09-093-972C-963 18 Perfect score: Title:

1 GCTTGGTCCTGGGGCTGC 18 Sequence:

IDENTITY_NUC Gapop 10.0 , Gapext 1.0 Scoring table:

13168883 seqs, 2603265903 residues Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

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ptodata/2/pna/US6008_COMB.seq:* ptodata/2/pna/US6009_COMB.seq:*

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ptodata/2/pna/US6007

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                                                                                                                                                                                                                             /cgn2_6/ptodata/2/pna/US6023_COMB.seq:*
/cgn2_6/ptodata/2/pna/US6025_COMB.seq:*
/cgn2_6/ptodata/2/pna/US6025_COMB.seq:*
/cgn2_6/ptodata/2/pna/US6026_COMB.seq:*
                                                                                                                                                                                                                                                                                                                    /cgn2_6/ptodata/2/pna/US6027_COMB.seq:*
/cqn2_6/ptodata/2/pna/US6012_COMB.seq:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	quence 963	354,	3, Ap	Sequence 642, App	5, Appl	equence 2355	Sequence 172, App	Sequence 60,	Sequence 291, App	Sequence 3921	3921	3491	3464	3464	1549	ednence	equence 3430	. u	ednence	equence 1661	equence 37, Ap	9838,	equence 428,	Sequence 3378, Ap	1421,	Sequence 1, Appli	ì -	1, Appl	1, Appl	1,	-1		Sequence 7,	159	equence 34.227		àœ	à	8	equence 8,
SUMMARIES	ar ar	S-09-093-	US-60-160-1328-96	US-08-179-575-3	US-60-245-2	US-08-179-575-5	US-60-172-373-2	US-60-245-225-17	US-60-212-664-6	US-07-716-831-291	US-09-654-617-39216	US-09-684-016-3921	US-09-465-231-3	US-09-397-424-3	US-09-397-424A-34	US-09-362-510-15493	US-09-362-510A-154	US-U9-496-911-349	US-09-652-124-74	US-09-726-811-256	US-60-182-316-166	US-09-234-611	03-05	US-60-180-489-428	US-09-577-408-3	US-09-577-410-74	US-U8-981-234-1	US-08-981-234A-	US-07-990-866-1	US-07-990-866A	US-08-279-510-	US-60-188-693-1	US-60-189-499	US-60-190-065-7	PCT-US01-01322-1	PCT-0501-01334-3422	US-60-248-592-64	US-09-229-319-	US-09-229-319-	US-09-543-771-	US-09-544-398-
	BB	14	4 8	5 20	26	S	49	26	23	m r	, כ ה	27	18	17	17	17	17	E C	7 7 0	0 0	50	16	16	20	22	22	1 5	7 7	i m	m	9	20	20	21	٦,	- i	26	9 4	16	2.1	21
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	Score	18	9 F	18	18	18	18	18	-	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	ø	16.4	16.4	16.4	16.4	16.4	10.4	16.4	9	9	16.4	16.4	16.4	16.4	10.4	٠.	1 1	16	16	16
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               Sequence 963, Application US/09093972C
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
G TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: FORMULATIONS, KITS & APPLICATIONS
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                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
SERVING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 18; DB 14; 100.0%; Pred. No. 4.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/093,972C
FILING DATE:

PRIOR APPLICATION WINDER: US/09/093,972C
FILING DATE:

APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1996
APPLICATION NUMBER: US 08/757,024
FILING DATE: 7-June-1996
APPLICATION NUMBER: US 08/757,577
FILING DATE: 7-June-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 30-January-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Anzel, Viviana
REGISTRATION NUMBER: 30,930
REFRENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Pred. NC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) SEQUENCE DESCRIPTION: SEQ ID NO: 963: US-09-093-972C-963
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 963:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 2419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                            STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 GCTTGGTCCTGGGGCTGC 18
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Best Local Similarity 100.0
Matches 18; Conservative
                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                     COUNTRY: USA
US-09-093-972C-963
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-509-152A-966
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NGS-60-160-202-354

| Sequence 354, Application US/60160202
| Sequence 354, Application US/60160202
| GENERAL INFORMATION:
| APPLICANT: BONAZIL |
| TITLE OF INVENTION: ALC |
| TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN GPCR PROTEINS AND USES THEREOF
| TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN GPCR PROTEINS AND USES THEREOF
| CURRENT APPLICATION NUMBER: US/60/160,202
| CURRENT FILING DATE: 1999-10-19
| NUMBER OF SEQ ID NOS: 4392
| SOFTWARRE: FestSEQ for Windows Version 4.0
| SEQ ID NO 354
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                      ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 18; DB 19; 100.0%; Pred. No. 4.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 18; DB 48;
100.0%; Pred. No. 4.4e+02;
1ve 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/059,160
FILING DATE: 1997-09-17
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00991
                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,152A
FILING DATE: 17-MAI-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 966:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                        COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Pr. 0;
                                          STREET: 7 CLARKE DRIVE
                                                                                                                          ZIP: 08512
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 966:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 GCTTGGTCCTGGGGCTGC 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 GCTTGGTCCTGGGGCTGC 18
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Best Local Similarity 100.0
Matches 18; Conservative
                                                                                                                                                                                                                                     SOFTWARE: ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        18; Conservative
                                                                CITY: CRANBURY
                                                                                                          COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: DNA
; ORGANISM: HUMAN
US-60-160-202-354
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-509-152A-966
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Sequence 642, Application US/6024525
GENERAL INFORMATION:
APPLICANT: Beasley. Ellen
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROPERIOR, AND USES THEREOF
FILE REFERENCE: CLO00885
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ;
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                                                                  APPLICANT: Stiles, Gary L.
APPLICANT: Ren, Hongzu
APPLICANT: Olah, Mark E.
TITLE OF INVENTION: DNA Encoding the Human Al Adenosine
TITLE OF INVENTION: Receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/179,575
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5405-64B
TELEPHONE: 919-881-3140
TELEPAX: 919-881-3175
TELEFAX: 575102
TELEFAX: 575102
TELEFAX: 575102
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                              E: Kenneth D. Sibley
Post Office Drawer 34009
                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                 Sequence 3, Application US/08179575 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Db 1052 GCTTGGTCCTGGGGCTGC 1035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 GCTTGGTCCTGGGGCTGC 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 2180 base pairs
                                                                                                                                                                                                                                                    STREET: Post Office Dr
CITY: Charlotte
STATE: North Carolina
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       nucleic acid
EDNESS: single
                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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32..616
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LOCATION: 1..29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                28234
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US-60-245-225-642
                                                                                                                                                                                                                                   ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY:
COCATION:
US-08-179-575-3
               US-08-179-575-3/c
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                                                                                                                                                                                                                                                                                                                   COUNTRY:
RESULT
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100.0%; Score 18; DB 5; Length 2900;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Stiles, Gary L.
APPLICANT: Ren, Hongzu
APPLICANT: Olah, Mark E.
TITLE OF INVENTION: DAA Encoding the Human Al Adenosine
TITLE OF INVENTION: Receptor
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Renneth D. Sibley
STREET: Post Office Drawer 34009
                                                                                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/179,575
                                                                                                                                                                                                                      100.0%; Score 18; DB 56;
100.0%; Pred. No. 4.6e+02;
tive 0; Mismatches 0;
CURRENT APPLICATION NUMBER: US/60/245,225
CURRENT FILING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 705
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 642
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5405-64B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-881-3175
TELEFAX: 919-881-3175
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 6
US-08-179-575-5/c
Sequence 5, Application US/08179575
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELLERAX: 919-co-
TELEFAX: 575102
INFORMATION FR SEQ ID NO: 5: SEQUENCE CHARACTERISTICS:
LENGTH: 2900 base pairs
TENGTH: 2900 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA (genomic)
FRYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                              D 1069 gcttggtcctggggctgc 1086
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,
                                                                                                                                                                                                                                                                                                         1 GCTTGGTCCTGGGGCTGC 18
                                                                                                                                                                                                                          Query Match 100.0
Best Local Similarity 100.0
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Charlotte
STATE: North Carolina
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           411..1391
                                                                                                                      ; TYPE: DNA
; ORGANISM: Human
US-60-245-225-642
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              28234
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; LOCATION:
US-08-179-575-5
                                                                                                     2897
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1 GCTTGGTCCTGGGGCTGC 18

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TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
TITLE OF INVENTION: UNCERT ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: CLO00687
CURRENT APPLICATION NUMBER: 105/60/212,664
CURRENT FILING DATE: 2000-06-20
MOMBER OF SEQ ID NOS: 636
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        94.4%; Score 17; DB 53; Length 195374;
100.0%; Pred. No. 1.4e+03;
Live 0; Mismatches 0; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
PILLOATION NUMBER: US/07/716,831
FILING DATE: 19910620
                                                                                                                                                                                                                                                                                             FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                E: CUSHMAN, DARBY & CUSHMAN 1615 L Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
ZIP: 20036-5601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 291, Application US/07716831 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                ; LOCATION: (1)...(195374)
; OTHER INFORMATION: n = A,T,C or G
US-60-212-664-60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY AGENT INFORMATION:
NAME: SCOLL, WALSON T.
REGISTRATION NUMBER: 26,581
REFERENCE/DOCKET NUMBER: WTS/
TELEPHONE: (202)861-3000
TELEFAX: (202)861-3004
TELEX: (202)861-3004
TELEX: (501,627 CC94)
INFORMATION FOR SEQ. ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Venter, J. Craig
APPLICANT: Adams, Mark
TITLE OF INVENTION: SEQUENCES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Db 107887 CTTGGTCCTGGGGCTGC 107871
                                                                          Greenberg, Simon
Rabkin, Steven
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.(
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 CTTGGTCCTGGGGCTGC 18
                               Ladunga, Steve
Spier, Gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 163 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUCLEIC ACID
EDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                       Wang, Yu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 19
CLASSIFICATION:
           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: NUCLEIC STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: HUMAN
                                                                                                                                                                                                                                                                                                        SEQ ID NO 60
LENGTH: 195374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-07-716-831-291/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-07-716-831-291
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                                                                          APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET:
                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
                                    APPLICANT
APPLICANT
                                                                                                                                                                                                                                                                                               SOFTWARE:
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                                                                                                                          Sequence 2355, Application US/60172373
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Lal, Preeti
APPLICANTON: Polynucleotide Sequence Databases, and Single Nucleotide Polymorp
CURRENT APPLICATION NUMBER: US/60/172,373
CURRENT FILING DATE: 1999-12-16
NUMBER OF SEQ ID NOS: 25,772
SOFTWARE: PERL PROGRAM
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GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: CLOO0885
CURRENT APPLICATION NUMBER: US/60/245,225
CURRENT APPLICATION NOWER: 10560/245,225
NUMBER OF SEQ ID NOS: 705
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 18; DB 49; Length 2919; 100.0%; Pred. No. 4.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 18; DB 56; 100.0%; Pred. No. 4.9e+02; 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature; OTHER INFORMATION: Incyte ID No: 474816.2 US-60-172-373-2355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 60, Application US/60212664
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; LOCATION: (1)...(80507); OTHER INFORMATION: n = A,T,C or GUS-60-245-225-172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 100.0%; So
Best Local Similarity 100.0%; Pi
Matches 18; Conservative 0;
Db 1827 GCTTGGTCCTGGGGCTGC 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Db 77441 GCTTGGTCCTGGGGCTGC 77424
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Best Local Similarity 100.
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
                                                                                                        US-60-172-373-2355/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-60-212-664-60/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: For
                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
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Score 16.4; DB 3; Length 163;
Pred. No. 2.2e+03;
0; Mismatches 1; Indels 0
                                                                                                                                                                                                    US-07-837-195C-291/c
Sequence 291, Application US/07837195C
Sequence 291, Application US/07837195C
GENERAL INFORMATION:
APPLICANT: Venter, J. Craig
APPLICANT: Adms, Mark D.
APPLICANT: Moreno, Ruben F.
TITLE OF INVENTION: Sequences Characteristic of Human Gene
TITLE OF INVENTION: Transcription Product
NUMBER OF SEQUENCES: 2412 (1-2421, with 9 SEQ ID NOS)
NUMBER OF SEQUENCES: unused.)
                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Knobbe, Martens, Olson, and Bear
STREET: 620 Newport Center Dr. Sixteenth Floor
CITY: Newport Beach
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/837,195C
FILING DATE: 19920212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Annotated Plant Genes 38-21(15097)D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: NIH004.004CP1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-235-8550
TELEFAX: 619-235-0176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 1992/0212
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/716,831
FILING DATE: 20-JUN-1991
ATTORNEY/AGENT INFORMATION:
NAME: ISTABLISEN, Ned A.
REGISTRATION NUMBER: 29,655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 392163, Application US/09654617 GENERAL INFORMATION: APPLICANT: Kovalic, David K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Liu, Jingdong
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     91.18;
    91.1%;
94.4%;
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                                                                                   1 GCTTGGTCCTGGGCTGC 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 163 base pairs
IYPE: NUCLEIC ACID
STRANDEDNESS: double
                                                                                                      111 GCTTGGTCCTGGGACTGC 94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 91.1
Best Local Similarity 94.4
Matches 17; Conservative
                       Best Local Similarity 94.4 Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS: ADDRESSE: Knobbe, M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TOPOLOGY: linear
US-07-837-195C-291
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US-09-654-617-392163/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE:
        Query Match
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APPLICANT: Mathalagan, Nagappan
APPLICANT: Mathalagan, Nagappan
APPLICANT: Mathalagan, Nagappan
APPLICANT: Marren, Wesley C.
TITLE OF INVENTION: Mucleic Acid and Other Molecules Associated with Lactation and
TITLE OF INVENTION: Muscle and Fat Deposition
FILLE REFERENCE: 10297/1
CURRENT APPLICATION NUMBER: US/09/465,231
CURRENT FILING DATE: 1999-12-15
EARLIER PLICATION NUMBER: USN 60/113,678
EARLIER PLILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 5912
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           91.1%; Score 16.4; DB 27; 94.4%; Pred. No. 2.2e+03;
                                                                                                                                                                                                   Score 16.4; DB 25;
Pred. No. 2.2e+03;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Annotated Plant Genes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AUDIOCATED Plant Ge
CURRENT APPLICATION NUMBER: US/09/684,016
CURRENT FILING DATE: 2000-10-10
PRIOR APPLICATION NUMBER: US 09/654,617
PRIOR APPLICATION NUMBER: 2000-09-05
NUMBER OF SEQ ID NOS: 463173
LENGH: 300
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2000-09-05
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CURRENT APPLICATION NUMBER: US/09/654,617
CURRENT FILING DATE: 2000-09-05
NUMBER OF SEQ ID NOS: 463173
SEQ ID NO 392163
LENGTH: 300
                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 392163, Application US/09684016
GENERAL INFORMATION:
APPLICANT: Kovalic, David K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-465-231-3491/c ; Sequence 3491, Application US/09465231 ; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Liu, Jingdong
TITLE OF INVENTION:
FILE REFERENCE:
                                                                                                                                                                                                       91.18;
94.48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    175 GCTTGGTACTGGGGCTGC 158
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 91.1
Best Local Similarity 94.4
Matches 17; Conservative
                                                                                                                                                                                                   Query Match
Best Local Similarity 94.45
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: Oryza sativa US-09-684-016-392163
                                                                                                                           ; ORGANISM: Oryza sativa
US-09-654-617-392163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Bos taurus
                                                                                                                                                                                                                                                                                                                                                                                                            US-09-684-016-392163/c
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                                                                                                        TYPE: DNA
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0
Query Match
91.1%; Score 16.4; DB 18; Length 336;
Best Local Similarity 94.4%; Pred. No. 2.2e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
91.1%; Score 16.4; DB 17; Length 368;
Best Local Similarity 94.4%; Pred. No. 2.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 15

US-09-397-424-3464/c

Sequence 3464, Application US/09397424

Sequence 3464, Application US/09397424

Sequence 3464, Application US/09397424

APPLICANT: Gearing, David P.

APPLICANT: Gearing, David P.

TITLE OF INVENTION: NUCLEIC ACID MOLECULES DERIVED FROM A TITLE OF INVENTION: HUMAN OSTEOBLAST LIBRARY

FILE REFERENCE: MLN99-45pM

CURRENT APPLICATION NUMBER: US/09/397,424

CURRENT FILING DATE: 1999-09-15

PRIOR PLICATION NUMBER: 60/100,469

PRIOR PLICATION NUMBER: 60/100,469

PRIOR FILING DATE: 1998-01-5

PRIOR FILING DATE: 1998-11-05

PRIOR FILING DATE: 1998-11-05

PRIOR FILING DATE: 1999-04-30

NUMBER OF SEQ ID NOS: 5379

SOFTWARE: FastSEQ for Windows Version 3.0

LENGTH: DATE: D
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| LOCATION: (1)...(368)

| OTHER INFORMATION: n = A,T,C or G

US-09-397-424-3464
                                                                                                                                                                                                  283 GCTTGGTGCTGGGCTGC 266
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ORGANISM: Homo sapiens
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Search completed: April 26, 2001, 15:31:57 Job time: 30522 sec

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GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
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OM nucleic - nucleic search, using sw model

April 26, 2001, 17:25:55; Search time 217.85 Seconds Run on:

(without alignments)
22.714 Million cell updates/sec

1 GCTTGGTCCTGGGCTGC 18 US-09-093-972C-963 18 Perfect score: Sequence:

Gapop 10.0 , Gapext 1.0 IDENTITY_NUC Scoring table:

187195 seqs, 137450115 residues Searched: Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Maximum Match 100% Listing first 45 summaries Post-processing: Minimum Match 0%

Database :

Pending_Patents_NA_New:*
1: /cgn2_6/ptodata_7/pna_/PCT_NEW_COMB.seq:*
2: /cgn2_6/ptodata_7/pna_VPCT_NEW_COMB.seq:*
3: /cgn2_6/ptodata_7/pna_VBO8_NEW_COMB.seq:*
4: /cgn2_6/ptodata_7/pna_VBO8_NEW_COMB.seq:*
5: /cgn2_6/ptodata_7/pna_VBO8_NEW_COMB.seq:*
6: /cgn2_6/ptodata_7/pna_VBO8_NEW_COMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution:

SUMMARIES

	App	Ap,	, Ap	, Ap		, Ap	, Ap), App	ppli	Appl	۵, A	, Ap		, Ap	2, A	, Ap	Appl	, Ap	, Ap	ppli	, Ap		•	•	App	, Ap
	966,	2434	2421	2433	2423	3002	3002	740,	3, A	41, Appl	24999,	7656,	46066	4325,	59952,	6048,	19,	,9997	7048	1, App.	7614	9616	7783	144,	130,	7366
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Description	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence
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,	679A-966	679A-243	679A-2421	679A-243	679A-2423	679A	679A-3002	-380-7	-064	505-	212A	212A	212A	833-	212A	-833-604	833-	833-	833-	647-1	833-	1339	1339	823-	505-	1339-7
	543-		•	543-	543-	543-	543-	811-	-09-820-790-3	60-248-505-41	JS-09-540-212A-24999	JS-09-540-212A-7656	JS-09-540-212A-46066	JS-09-801-833-4325	JS-09-540-212A-59952	801-	US-09-801-833-1	-801-833-7	JS-09-801-833-7	US-09-818-647	us-09-801-833-761	PCT-US01-01339-9916	PCT-US01-01339-7	US-60-248-823-1	US-60-248-505-13	PCT-US01-0
	-60-	60-	-09 - 543		-60-SC	-60-SD	-60-	-60-	•		-60-	-60-	-60-	-60-	-60-	JS-09-801	-60-	-60-Sn	-60-	-60-	-60-	SO-L	T-US	-09-	-09-	II-US
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Sequence 135, App	Sequence 3, Appli	Sequence 399, App	Sequence 8770, Ap	Sequence 18, Appl	Sequence 22399, A	Sequence 18529, A	Sequence 17921, A	Sequence 814, App	Sequence 21070, A	Sequence 17672, A	Sequence 15055, A	Sequence 15147, A	Н	Sequence 21076, A	Sequence 1719, Ap	Sequence 6951, Ap	Sequence 16263, A
US-60-248-505-135	US-09-818-647-3	US-60-248-505-399	PCT-US01-01339-8770	US-60-248-823-18	US-09-724-866A-22399	US-09-724-866A-18529	US-09-724-866A-17921	PCT-US01-01339-814	US-09-724-866A-21070	US-09-724-866A-17672	US-09-724-866A-15055	US-09-724-866A-15147	US-09-724-866A-17695	US-09-724-866A-21076	PCT-US01-01339-1719	PCT-US01-01339-6951	US-09-724-866A-16263
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17749	31208	32071	32212	38823	236	257	282	323	350	356	360	372	385	395	399	431	474
82.2	82.2	82.2	82.2	82.2	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
14.8	14.8	14.8	14.8	14.8	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
28	29	30	31	32	33	34	35	36	37	00	9 6	40	41	4.2	43	44	45
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ALIGNMENTS

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Sequence 966, Application US/09543679A
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
OF ALRMAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                             ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATORNEY/AGENT INFORMATION:

NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: N/A
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: Linear SEQ ID NO: 966: US-09-543-679A-966
                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: <Unknown> INFORMATION FOR SEQ ID NO: 966:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                    NUMBER OF SEQUENCES: 3111 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: CD-R
                                                                                                                                                                                                                                                                                                                                            USA
                                                                                                                                                                                                                                                                                                                                                                 ZIP: 08512
                                                                                                                                                                                                                                                                                                                    STATE: NJ
                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                       US-09-543-679A-966
RESULT
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Gaps ö Query Match
Best Local Similarity 100.0%; Pred. No. 6.8;
Matches 18; Conservative 0; Mismatches 0; Indels

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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/127,958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 1942 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 2434:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 413-254-9245
                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Db 1853 GCTTGGTCCTGGGGCTGC 1836
                                                                                                                           COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 3: CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 100.
Matches 18; Conservative
                                       CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Cranbury
                                                                                    USA
                                                                                                                                                                                                                SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE:
                                                                                                     ZIP: 08512
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                                                                                    COUNTRY:
                                                                STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-543-679A-2434
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                                                                                                          RESULT 2
US-05-43-679A-2422/C
US-05-543-679A
Sequence 2422, Application US/09543679A
Sequence 2422, Application
Sequence 2422, Application
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: NYCE, JONATHAN W.

TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE, COMPOSITIONS, KIT & METHOD FOR PREATMENT OF AIRMAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 18; DB 5; Length 1942; 100.0%; Pred. No. 6.3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                  EPIGENESIS PHARMACEUTICALS, INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/09/543,679A FILING DATE: 13-Apr-2000 CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE DESCRIPTION: SEQ ID NO: 2422:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:

**APPLICATION NUMBER: 60/127,958

**FILING DATE: 1998-08-03

ATTORNEY/AGENT INPORMATION:
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COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: 609-409-3035
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                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: EPIGENESIS F
STREET: 7 Clarke Drive
CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 2422:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: N/A CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 3111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
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        1 GCTTGGTCCTGGGGCTGC 18
                                                1 GCTTGGTCCTGGGCCTGC 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.0
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
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TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE, COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 18; DB 5; Length 1942; 100.0%; Pred. No. 6.3; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: EPI-0067191b TELECOMMUNICATION INFORMATION:
                                                                                                                           APPLICATION NUMBER: US/09/543,679A FILING DATE: 13-Apr-2000 CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE DESCRIPTION: SEQ ID NO: 2434:
                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
                                                                                                                                                                                                                                                                                                                  NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-543-679A-2421/c

Sequence 2421, Application US/09543679A

GENERAL INFORMATION:

APPLICANT: NYCE, Jonathan W.
MEDIUM TYPE: CD-R
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
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Gaps

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PRIOR APPLICATION DATA:

APPLICATION WUMBER: 60/127,958
FILIG DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
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APPLICANT: NYCE, Jonathan W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 7 Clarke Drive
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 3111 CORRESPONDENCE ADDRESS:
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SEQUENCE CHARACTERISTICS:
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                                                                                                                                     Db 1827 GCTTGGTCCTGGGGCTGC 1810
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                                                                                                                1 GCTTGGTCCTGGGGCTGC 18
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                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
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Best Local Similarity
Matches 18; Conserv
                                                Best_Local Similarity
Matches 18; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-543-679A-3005/c
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                                 Query Match
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APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 18; DB 5; Length 2900; 100.0%; Pred. No. 6.3;
                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive
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                                                                        REFERENCE/DOCKET NUMBER: EPI-0067191D
TELECOMMUNICATION:
TELEPHONE: 609-409-3035
TELEPRAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/543,679A
FILLING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
: APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE DESCRIPTION: SEQ 1D NO: 2433:
US-09-543-679A-2433
                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Pred. ...
                                                                                                                                                                                                                                                            TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 2421: US-09-543-679A-2421
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-543-679A-2433/c; Sequence 2433, Application US/09543679A; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                      NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 2900 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FELEPHONE: 609-409-3035
                                                                                                                                                                                                                          LENGIH: 2900 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 2433:
SEQUENCE CHARACTERISTICS:
FILING DATE: 1998-08-03
                                                                                                                                                          TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2421:
SEQUENCE CHARACTERISTICS:
                   ATTORNEY/AGENT INFORMATION:
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1827 GCTTGGTCCTGGGGCTGC 1810
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Best Local Similarity 100.
Matches 18; Conservative
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                                             Gaps
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                                                                                                                                                                                                                                                     Sequence 2423, Application US/09543679A
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, IT & METHOD FOR TREATMENT
OF ATTENTAL OF STRAYED DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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DB 5; Length 2900;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: EPI-0067191b
100.0%; Score 18; DB 5
100.0%; Pred. No. 6.3;
ive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/09/543,679A FILLING DATE: 13-Apr-2000 CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 2423:
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SEQ ID NO 740
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COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAP INCUMINATION.

APPLICANT: NYCE, JONATHAN W.

APPLICANT: NYCE, JONATHAN W.

TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,

COMPOSITIONS, KIT & METHOD FOR TREATMENT

OF AIRWAY DISORDERS ASSOCIATED WITH

BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 100.0%; Score 18; DB 5; Length 11786; Best Local Similarity 100.0%; Pred. No. 6.2; Matches 18; Conservative 0; Mismatches 0; Indels 0
                                                                                                        ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:

RAPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMINICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 3005:
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                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 11786 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 3005:
                                                                NUMBER OF SEQUENCES: 3111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Db 11697 GCTTGGTCCTGGGGCTGC 11680
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: CD-R
                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
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COMPUTER READABLE FORM:
MEDIUM TYPE: CD-R
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                                                                                                                                                  Cranbury
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                                                                                                                                                                                                COUNTRY: USA
ZIP: 08512
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COUNTRY: USA
                                                                                                                                                                           STATE: NJ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 18; DB 5; Length 117608; 100.0%; Pred. No. 6; Live 0; Mismatches 0; Indels 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: NUCLEIC ACID MOLECULES DERIVED FORM A TITLE OF INVENTION: NUCLEIC ACID MOLECULES DERIVED FORM A TITLE OF INVENTION: HUMAN KIDNEY LIBRARY FILE REFERENCE: MLN98-08pm; CURRENT FILLON DATE: 2001-03-16 PRIOR APPLICATION NUMBER: US/09/811,380 PRIOR FILING DATE: 1999-05-27 PRIOR FILING DATE: 1999-05-27 PRIOR FILING DATE: 1989-05-27 PRIOR PRILING DATE: 1989-05-27 PRIOR PRILING DATE: 1989-05-27 PRIOR PRILING DATE: 1999-06-27 PRIOR PRILING DATE: 1999-06-27 PRIOR PRILING DATE: 1999-04-30 PRIOR PLILING DATE: 1999-04-30
                                                                                                                                                                        NAME: Amzel, viviana
REGIESTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
APPLICATION NUMBER: US/09/543,679A FILING DATE: 13-Apr-2000 CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOIGS: SINGLE SEQUENCE DESCRIPTION: SEQ ID NO: 3002: US-09-543-679A-3002
                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
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SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: '117608 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Sequence 740, Application US/09811380
GENERAL INFORMATION:
APPLICANT: Gearing, David P.
APPLICANT: Holtzman, Douglas A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; LUCATION: (1)...(1875)
; OTHER INFORMATION: n = A,T,C or G
US-09-811-380-740
                                                                                                                                                                                                                                                                                                                              TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 3002:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                    TELEFAX: 413-254-9245
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Best Local Similarity 100.
Matches 18; Conservative
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Best Local Similarity
Matches 16; Conserv
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US-09-820-790-3/C
; Sequence 3, Application US/09820790
; GENERAL INFORMATION:
; THEORY SHAO, Wei et al.
; TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
; TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
; TITLE OF INVENTION: THEREOF
; TITLE OF INVENTION: THEREOF
; CURRENT APPLICATION NUMBER: US/09/820,790
; CURRENT FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSEQ for Windows Version 4.0
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TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFREENCE: cl000918
CURRENT APPLICATION NUMBER: US/60/248,505
CURRENT FILING DATE: 2000-11-15
NUMBER OF SEQ ID NOS: 1998
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 41
LENGTH: 123654
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APPLICANT: Delegeane, Angelo M.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuve, Laura L.
APPLICANT: Mullahy, Sara J.
APPLICANT: Naughton, Rebecca E.
APPLICANT: Naughton, Rebecca E.
TITLE OF INVENTION: POLYNCLEOTIDES OF AIRWAY AND LUNG SYSTEM TISSUE PILLE REFERENCE: PD-1034 CIP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1; Indels
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100.0%; Pred. No. ...
0; Mismatches
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Pred. No. 92;
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; Sequence 24999, Application US/09540212A
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; LOCATION: (1)...(123654); OTHER INFORMATION: n = A,T,C or GUS-60-248-505-41
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Best Local Similarity 100.
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 85.6
Best Local Similarity 94.1
Matches 16; Conservative
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NAME/KEY: misc_feature
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ORGANISM: human
                                                                                                                                                                                                                                                                                                                            TYPE: DNA
CRGANISM: Human
US-09-820-790-3
                                                                                                                                                                                                                                                                           SEQ ID NO 3
LENGTH: 28438
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US-60-248-505-41
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APPLICANT: Scilhamer, Jeffrey J.
APPLICANT: Stanf, Susan G.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuar, Laura I.
APPLICANT: Mullahy, Sara J.
APPLICANT: Mullahy, Sa
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APPLICANT: Seilahour, Jeffrey J.
APPLICANT: Seilahour, Angelo M.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuart, Stuar G.
APPLICANT: Mullahy, Sara J.
APPLICANT: Mullahy, Sara J.
APPLICANT: Nauthron, Rebecca E.
TITLE OF INVENTION: POLYNUCLEOTIDES OF AIRWAY AND LUNG SYSTEM TISSUE FILE REFERENCE: PD-1034 CIP
CURRENT APPLICATION NUMBER: US/09/540,212A
CURRENT FILING DATE: 2000-03-31
NUMBER OF SEQ ID NOS: 67551
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 248;
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Pred. No. 1.8e+02;
0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                             ; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No: hu00922256
US-09-540-212A-24999
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; OTHER INFORMATION: Incyte ID No: hu00729697
US-09-540-212A-7656
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CURRENT APPLICATION NUMBER: US/09/540,212A CURRENT FILING DATE: 2000-03-31 NUMBER OF SEQ ID NOS: 67551 SEQ THAN PERL Program SSEQ ID NO 24999 LENGTH: 248
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-540-212A-7656; Sequence 7656, Application US/09540212A; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          82.2%;
88.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 GCTTGGTCCTGGGGCTGC 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 82.2'
Best Local Similarity 88.9'
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best_Local Similarity 88.9
Matches 16; Conservative
                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-540-212A-46066/c
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LENGTH: 262
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ouery Match 82.2%; Score 14.8; DB 5; Length 366; Best Local Similarity 88.9%; Pred. No. 1.8e+02; Matches 16; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 4325, Application US/09801833
GENERAL INFORMATION:
APPLICANT: GLUCKSMANN. M. Alexandra
TITLE OF INVENTION: NUCLEIC ACID MOLECULES DERIVED FROM A
TITLE OF INVENTION: HUMAN BRAIN LIBRARY
FILE REFERENCE: 1600, 1037-005
CURRENT APPLICATION NUMBER: US/09/801,833
CURRENT FILING DATE: 2001-03-13
PRIOR APPLICATION NUMBER: 09/371,168
PRIOR FILING DATE: 1999-08-10
PRIOR PLICATION NUMBER: 60/095,907
PRIOR APPLICATION NUMBER: 60/103,145
PRIOR FILING DATE: 1998-08-10
PRIOR FILING DATE: 1998-01-05
NUMBER OF SEQ ID NOS: 8285
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4325
LENGTH: 366
                                                                                                                              NAME/KEY: misc_feature; OTHER INFORMATION: Incyte ID No: hu01041706
US-09-540-212A-46066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Search completed: April 26, 2001, 17:25:59 Job time: 61696 sec
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; LOCATION: (1)...(366)
; OTHER INFORMATION: n = A,T,C or G
US-09-801-833-4325
                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Homo sapiens
SOFTWARE: PERL Program
SEQ ID NO 46066
LENGTH: 330
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US-09-801-833-4325/c
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April 26, 2001, 15:31:57 ; Search time 11829.6 Seconds (without alignments) 6.602 Million cell updates/sec
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cgn2_6/ptodata/2/pna/195082.covB.seq:*
cgn2_6/ptodata/2/pna/195089_cowB.seq:*
cgn2_6/ptodata/2/pna/195092_cowB.seq:*
cgn2_6/ptodata/2/pna/195091_cowB.seq:*
cgn2_6/ptodata/2/pna/195092_cowB.seq:*
cgn2_6/ptodata/2/pna/195093_cowB.seq:*
cgn2_6/ptodata/2/pna/195095A_cowB.seq:*
cgn2_6/ptodata/2/pna/195095A_cowB.seq:*
cgn2_6/ptodata/2/pna/195095A_cowB.seq:*
cgn2_6/ptodata/2/pna/195096A_cowB.seq:*
cgn2_6/ptodata/2/pna/195096A_cowB.seq:*
cgn2_6/ptodata/2/pna/195096A_cowB.seq:*
cgn2_6/ptodata/2/pna/195096A_cowB.seq:*
cgn2_6/ptodata/2/pna/195096C_cowB.seq:*
cgn2_6/ptodata/2/pna/195096C_cowB.seq:*
cgn2_6/ptodata/2/pna/195096C_cowB.seq:*
cgn2_6/ptodata/2/pna/195096C_cowB.seq:*
cgn2_6/ptodata/2/pna/19509C_cowB.seq:*
cgn2_6/ptodata/2/pna/19509C_cowB.seq:*
cgn2_6/ptodata/2/pna/19509C_cowB.seq:*
cgn2_6/ptodata/2/pna/19509C_cowB.seq:*
cgn2_6/ptodata/2/pna/19509C_cowB.seq:*
cgn2_6/ptodata/2/pna/19509C_cowB.seq:*
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/cgn2_6/ptodata/2/pna/US06_COMB.seq:*
/cgn2_6/ptodata/2/pna/US080_COMB.seq:*
/cgn2_6/ptodata/2/pna/US081_COMB.seq:*
/cgn2_6/ptodata/2/pna/US082_COMB.seq:*
/cgn2_6/ptodata/2/pna/US082_COMB.seq:*
/cgn2_6/ptodata/2/pna/US084_COMB.seq:*
/cgn2_6/ptodata/2/pna/US084_COMB.seq:*
/cgn2_6/ptodata/2/pna/US085_COMB.seq:*
/cgn2_6/ptodata/2/pna/US086_COMB.seq:*
/cgn2_6/ptodata/2/pna/US086_COMB.seq:*
/cgn2_6/ptodata/2/pna/US086_COMB.seq:*
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: /cgn2_6/ptodata/2/pna/PCTUS_COMB.seq:*
GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Total number of hits satisfying chosen parameters:
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Maximum Match 100%
Listing first 45 summaries
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15
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Maximum DB seq length: 200000000
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Perfect score:
Sequence:
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Database
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	964,	, 767,	767		404	13916	6417, A	18319,		31638	99464,	8713,	Sequence 4251, Ap	20212	9838	354. A	_	3, App	a)	ō, App		72, A	48367,	24870,	Sequence 41214, A	61447		107	Sequence 8/10, Ap	Sequence 1/1/ Apr	27,	9 6	20,	926,	172,	558,	531,	318,	Sequence 121, App	118,	
SUMMARIES	ID	S-09-093-972C-96	3-09-509-152A-96	-07-716-831-291	.00-83/-1	3-09-339-606-1340	3-09-540-229-1	745-6417	3-09-565-306-1831	617-3163	S-09-684-016-3163	S-09-521-640-9	S-09-60e-977-8	US-09-619-643-4251	07/70	າ ຜ	354	US-09-505-532-1175		US-60-245-225-642	US-08-179-575-5	US-60-172-373-	US-60-207-359	us-09-620-392	US-09-702-134-2	US-09-702-134	US-09-620-392-6	US-60-230-445-798	102 -03-03-87-102	US-09-702-134-8/10	US-US-328-23/A-1/	US-60-212-333-4 TE-60-312-178-376	US-60-213-1/8-2/0 US-60-234-446-92	US-60-242-679-20	US-09-534-859-92	US-60-245-225-	US-60-243-468-55	US-60-243-468-53	US-60-242-679-31	US-60-212-664-12	US-60-212-664-11	US-60-212-664-
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ptodata/2/pna/US6007

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Matches
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                   Sequence 964, Application US/09093972C
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISTANCES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: FORMULATIOLE TARGET HYBRIDIZING COMPOSITION
FORMULATIONS, KITS & APPLICATIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ;
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                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC_Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 15; DB 14; 100.0%; Pred. No. 1.6e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION NUMBER: US 08/472,527
FILING DATE: 1-1096
APPLICATION NUMBER: US 08/472,527
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/757,024
FILING DATE: 27-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 7-June-1995
FILING DATE: 30-June-1998
FILING DATE: 30-June-1998
FILING DATE: 30-June-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 964:
US-09-093-972C-964
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                          STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 2419
                                                                                                                                                                     NUMBER OF SEQUENCES: 996
                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                              CITY: Cranbury
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: <Unknown>
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Best Local Similarity 100.
Matches 15; Conservative
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US-09-093-972C-964
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US-09-509-152A-967
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               ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 CLARKE DRIVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/716,831
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 15; DB 19;
100.0%; Pred. No. 1.6e+03;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,152A
FILING DATE: 17-Mar-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: EPI-00991
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; SEQUENCE DESCRIPTION: SEQ ID NO: 967: US-09-509-152A-967
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Venter, J. Craig
APPLICANT: Adams, Mark
TITLE OF INVENTION: SEQUENCES
NUMBER OF SEQUENCES: 315
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN, DARBY & CUSHMAN
STRRET: 1615 L Street, N.W.
                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:

**RAPLICATION UNDER: 60/059,160

FILING DATE: 1997-09-17

ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 291, Application US/07716831 ; GENERAL INFORMATION:
                                                                                                                                                                                       COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE:
COUNTRY: USA
ZIP: 20036-5601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
                                                                                                                                                                     MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 967:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Scott, Watson T.
REGISTRATION NUMBER: 26,5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
                                                                                                                                               COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
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                                                             CITY: CRANBURY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 TGCTCTCCTCTT 15
                                                                                                       COUNTRY: USA
                                                                                 STATE: NJ
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Best Local Similarity
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CLASSIFICATION:
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STATE:
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APPLICANT: Seilhamer, Jeffrey J.
APPLICANT: Seilhamer, Jeffrey J.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuart, Saran G.
APPLICANT: Stuve, Laura L.
APPLICANT: Milahy, Sara J.
APPLICANT: Mulahy, Sara J.
TITLE OF INVENTION: POLYNUCLEOTIDES OF EXOCRINE GLAND TISSUE
FILE REPERENCE: PD-1027 CIP
CURRENT APPLICATION NUMBER: US/09/539,806
CURRENT FILING DATE: 2000-03-30
Prior application data removed - refer to PALM or file wrapper
NUMBER OF SEQ ID NOS: 48372
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Best Local Similarity 100.0%; Pred. No. 2.4e+03;
Matches 15; Conservative 0; Mismatches. 0:
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OTHER INFORMATION: Incyte ID No: SAE300479255.F1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No: hu00825842
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APPLICANT: Lagace, Robert E.
APPLICANT: Klingler, Tod M.
APPLICANT: Stuve, Laura L.
TITLE OF INVENTION: HUMAN CPG ISLANDS
FILE REFERENCE: PX-0002 P
CURRENT APPLICATION NUMBER: US/60/180,489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COCATION: 1-24; CTHER INFORMATION: a, t, c, g, or other US-60-180-489-498
                                                                                                                            Sequence 13463, Application US/09539806 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-60-180-489-498; Sequence 498, Application US/60180489; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 9,814
SOFTWARE: PERL Program
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Best Local Similarity 100.
Matches 15; Conservative
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128 TGCTCTCTCTCTT 114
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                            PERL Program
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                                                                                                            US-09-539-806-13463
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LENGTH: 269
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LENGTH: 271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Sequences Characteristic of Human Gene TITLE OF INVENTION: Transcription Product NUMBER OF SEQUENCES: 2412 (1-2421, with 9 SEQ ID NOS CORRESPONDENCES: unused.)
                                                                                                                                                                                                                                                                                                                          Length 163;
                                                                                                                                                                                                                                                                                                                                                                     0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION DATA: APPLICATION NUBER: US/07/837,195C FILING DATE: 19920212 PRIOR APPLICATION DATA: APPLICATION DATA: APPLICATION NUBER: US 07/716,831 FILING DATE: 20-JUN-1991 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              E: Knobbe, Martens, Olson, and Bear
620 Newport Center Dr. Sixteenth Floor
                                                                                                                                                                                                                                                                                                                        100.0%; Score 15; DB 3; I
100.0%; Pred. No. 2.2e+03;
                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
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REGISTRATION NUMBER: 29,655
TELECOMUNICATION INFORMATION:
TELECHONE: 619-235-8550
  REFERENCE/DOCKET NUMBER: WTS/5683/84948
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Sequence 291, Application US/07837195C; GENERAL INFORMATION:
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                                                                                        TELEX: 6714627 CUSH INFORMATION FOR SEQ ID NO: 291:
                        TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)861-3000
TELEFAX: (202)822-0944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Venter, J. Craig
APPLICANT: Adams, Mark D.
APPLICANT: Moreno, Ruben F.
TITLE OF INVENTION: Sequence
TITLE OF INVENTION: Transcri
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LENGTH: 163 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: double
TOPOLICGY: linear
US-07-837-195C-291
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                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 163 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: double
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Best Local Similarity 100.
Matches 15; Conservative
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US-07-837-195C-291/c
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APPLICANT: Conner, Timothy W.
APPLICANT: Lalgudi, Raghunath V.
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated wi
FILE REFERENCE: 38-21(15459)C
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100.0%; Pred. No. 2.5e+03;
tive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                ; TYPE: DNA
.; ORGANISM: Zea mays
; OTHER INVORMATION: Clone ID: LIB189-005-01-E1-E6
US-09-565-306-18319
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2000-09-05
463173
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CURRENT APPLICATION NUMBER: US/09/565,306
CURRENT FILING DATE: 2000-05-04
NUMBER OF EEQ ID NOS: 83523
EEQ ID NO 18319
LENGTH: 377
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CURRENT FILING DATE: 2000-09-05
NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 10
US-09-654-617-316387
; Sequence 316387, Application US/09654617
; GENERAL INFORMATION:
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APPLICANT: Kovalic, David K.
                       Andersen, Scott E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Kovalic, David K. APPLICANT: Liu, Jingdong
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Best Local Similarity 100.
Matches 15; Conservative
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Best Local Similarity 100.
Matches 15; Conservative
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FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: DNA
; ORGANISM: Zea mays
US-09-654-617-316387
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US-09-684-016-316387
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LENGTH: 377
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LENGTH: 377
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                                                                                                                                                                                                             APPLICANT: Seilhamer, Jeffrey J.
APPLICANT: Delegeane, Angelo M.
APPLICANT: Delegeane, Angelo M.
APPLICANT: Studer, Susan G.
APPLICANT: Studer, Sara J.
APPLICANT: Mullahy, Sara J.
APPLICANT: Mullahy
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; OTHER INFORMATION: Clone ID: LIB189-005-Q1-E1-E6
US-09-394-745-6417
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No: hu01223369
US-09-540-229-139169
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APPLICANT: Lalgudi, Raghunath V.
TITLE OF INVENTION: NUCLEIC ACID MOLEC
FILE REFERENCE: 38-21(15454)B
CURRENT APPLICATION NUMBER: US/09/394,745
CURRENT FILING DATE: 1999-09-15
NUMBER OF SEQ ID NOS: 57264
                                                                                                                                                                       Sequence 139169, Application US/09540229 GENERAL INFORMATION:
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2.09-565-306-18319
3. Sequence 18319, Application US/09565306
5. GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 6417, Application US/09394745 GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 15; Conservative
253 tgctccctcctt 267
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LENGH: 312
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TYPE: DNA
CGANISM: 26a mays
CTHER INFORMATION: Clone ID: LIB3117-003-01-K1-G11
US-09-619-643-4251
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100.0%; Pred. No. 2.5e+03;
tive 0; Mismatches 0;
TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21(51230)B
CURRENT APPLICATION NUMBER: US/09/619,643
CURRENT FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 32236
SEQ ID NO 4551
LENGTH: 451
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Best Local Similarity 100.0
Matches 15; Conservative
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Matches 15; Conservative
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Byrum, joseph R.
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
38-21(15877)B
CURRENT APPLICATION NUMBER: US/09/606, 977
CURRENT FILID DATE: 2000-06-28
NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Fisher, Dane K. APPLICANT: Lalgudi, Raghunath V. TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
                                                                                                                                                                                                                                                                                                                  Nucleic Acid Molecules and Other Molecules Associated with
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        Length 377;
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        100.0%; Score 15; DB 27;
100.0%; Pred. No. 2.5e+03;
tive 0; Mismatches 0;
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APPLICANT: Halling, Conrad H.
APPLICANT: Kovalic, David K.
TITLE OF INVENTION:
FILE REPERENCE: 38-21(15750)D
CURRENT APPLICATION NUMBER: US/09/521,640
CURRENT FILING DATE: 2000-03-10
NUMBER OF SEQ ID NOS: 304701
SEQ ID NO 99464
LENGTH: 407
                                                                                                                                                                                                                       ; Sequence 99464, Application US/09521640; GENERAL INFORMATION:
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; Sequence 8713, Application US/09606977
; GENERAL INFORMATION:
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Best Local Similarity 100.0
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Best Local Similarity 100.
Matches 15; Conservative
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Best Local Similarity 100.C
Matches 15; Conservative
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                                                                                     1 TGCTCTCCTCTT 15
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NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WI
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OTHER INFORMATION: Clone ID: LIB3594-039-Q6-N6-H5
US-60-209-830-27285
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                                                                                                                                                              ### APPLICAN1.
| TITLE OF INVENTION: | TITLE OF INVENTION: | PLANTS |
| FILE REFERENCE: | 38-21(51934)A |
| CURRENT APPLICATION NUMBER: US/60/209,830 |
| CURRENT FILING DATE: 2000-06-06 |
| CURRENT FILING DATE: 2000-06-06 |
| SEQ ID NO 27285 |
| LENGTH: 489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Search completed: April 26, 2001, 15:31:59 Job time: 30524 sec
; Sequence 27285, Application US/60209830
; GENERAL INFORMATION:
; APPLICANT: Andersen, Scott E.
                                                   Andersen, Scott E.
Castiglioni, Paolo
Hardeman, Kristine J.
Kerk, Nancy M.
La Rosa, Thomas J.
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Sequence 661, App
Sequence 177, App
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18.928 Million cell updates/sec
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Sequence 174,
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1: /cgn12_6/ptodata_7/pna_/PCT_NEW_COMB.seq:*

2: /cgn2_6/ptodata_7/2/pna_VUS06_NEW_COMB.seq:*

3: /cgn2_6/ptodata_7/2/pna_VUS08_NEW_COMB.seq:*

4: /cgn12_6/ptodata_7/2/pna_VUS08_NEW_COMB.seq:*

5: /cgn2_6/ptodata_7/2/pna_VUS08_NEW_COMB.seq:*

5: /cgn2_6/ptodata_7/2/pna_VUS09_NEW_COMB.seq:*

5: /cgn2_6/ptodata_7/2/pna_VUS09_NEW_COMB.seq:*
                                Compugen Ltd.
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US-09-543-679A-2421
US-09-543-679A-2431
US-09-543-679A-2423
US-09-543-679A-2423
US-09-543-679A-3005
US-60-248-505-174
US-09-548-505-174
US-09-724-866A-3895
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US-09-540-212A-4094
US-09-540-212A-268292
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US-09-724-866A-9691
US-09-540-212A-41022
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US-60-248-505-177
US-60-248-505-51
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GenCore version 4.5
Copyright (c) 1993 - 2000 Comp
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Maximum Match 100%
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                   Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                           Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     rotal number
                                                                                                                               OM nucleic
                                                                                                                                                                                                                                                                                                                                                                                    Seguence:
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                               Sequence 21687, A
Sequence 4371, Ap
Sequence 311, App
Sequence 504, App
Sequence 1029, App
Sequence 1029, App
                                                                                                                                                          2711, Ap
4575, Ap
14277, A
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Sequence 967, Application US/09543679A
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                        Sequence 2
Sequence 4
Sequence 1
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Sequence 2
Sequence 6
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STREET: 7 Clarke Drive
CITY: Cranbury
             US-09-724-866A-9653
US-09-540-212A-21687
US-09-540-212A-4371
US-09-442-384-311
US-09-801-833-504
US-09-801-833-504
US-09-744-238-1029
US-09-784-423-19
US-09-784-423-19
US-09-801-833-4575
US-09-801-833-4575
US-09-801-833-4575
US-09-801-833-4575
US-09-801-833-4575
US-09-801-833-2325
US-09-801-833-2325
US-09-801-833-325
US-09-801-833-6922
US-09-801-833-6922
US-09-801-833-6922
US-09-801-833-6922
US-09-801-833-6922
US-09-801-833-6922
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REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.0%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
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FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
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INFORMATION FOR SEQ ID NO: 967:
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STRANDEDNESS: single
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CORRESPONDENCE ADDRESS:
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US-09-543-679A-967
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US-09-543-679A-967
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TYPE: nucleic acid
STRANDEDNESS: single
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Best Local Similarity
Matches 15; Conserv
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GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0
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APPLICANT: Rounsley, Steven D.
APPLICANT: ROUNSLEY, Steven D.
TITLE OF INVENTION: MY TRANSCRIPTION FACTORS FROM PLANTS
FILE REFERENCE: 38-21(15477)A
FORRENT APPLICATION NUMBER: US/09/734,342
CURRENT FILING DATE: 2000-12-11
NUMBER OF SEQ ID NOS: 185
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: N/A
CURRENT APPLICATION DATA:
APPLICATION NAMER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
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                                                                                                                                Sequence 8, Application US/09734342 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 7 Clarke Drive
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MEDIUM TYPE: CD-R
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Best Local Similarity 100.
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   1 TGCTCTCCTCTT 15
                                        1 TGCTCTCCTCTT 15
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ZIP: 08512
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US-09-543-679A-2422/c
                                                                                                           US-09-734-342-8/c
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Gaps
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Sequence 2434, Application US/09543679A

PPLICANT: NYCE, Jonathan W.

TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE, COMPOSITIONS, KIT & METHOD-FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION, LUNG INFLAMMATION,
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                                                                                                                                              Query Match
. 100.0%; Score 15; DB 5; Length 1942;
Best Local Similarity 100.0%; Pred. No. 53;
Matches 15; Conservative 0; Mismatches 0; Indels (
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REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/09/543,679A FILING DATE: 13-Apr-2000 CLASSIFICATION: UNKNOWN
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 2422:
US-09-543-679A-2422
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; SEQUENCE DESCRIPTION: SEQ ID NO: 2434: US-09-543-679A-2434
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APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
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TELEFAX: 413-254-9245
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ADDRESSEE: EPIGENESIS P
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 1942 base pairs
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STRANDEDNESS: single
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Sequence 2433, Application US/09543679A

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
              Sequence 2421, Application US/09543679A

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF ATTRACT DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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STREET: 7 Clarke Drive
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REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/543,679A FILING DATE: 13-Apr-2000 CLASSIFICATION: UNKNOWN
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RAPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
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STRANDEDNESS: single
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                                                                                                                                                                                  NUMBER OF SEQUENCES: 3111
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COMPUTER READABLE FORM:
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                                                                                                                                                                                                             CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: <Unknown>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
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                                                                                                                                                                                                                                                                          CITY: Cranbury
STATE: NJ
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Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-543-679A-2433/c
US-09-543-679A-2421/c
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Gaps
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APPLICANT NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADBNOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 15; DB 5; Length 2900; 100.0%; Pred. No. 54;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: EPI-0067191b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/543,679A
                                                                                 CURRENT APPLICATION DATA:
RAPPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ;
SEQUENCE DESCRIPTION: SEQ ID NO: 2433:
US-09-543-679A-2433
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/127,958
                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2423, Application US/09543679A GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 13-Apr-2000 CLASSIFICATION: UNKNOWN
                COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 1998-08-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 2900 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                            TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2433:
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                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 08512
COMPUTER READABLE FORM:
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MEDIUM TYPE: CD-R
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Best Local Similarity 100.
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: NJ
                                                                   SOFTWARE:
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Db 11714 TGCTCTCTCTCTT 11700
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US-09-543-679A-3002/c
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US-60-248-505-174
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                                                                                                     US-60-248-505-174
                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 174
LENGTH: 33898
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US-60-248-505-382
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                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W

TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                                                                                                                             100.0%; Score 15; DB 5; Length 5962; 100.0%; Pred. No. 57;
                                                                                                                                                                                                                                                                     0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: EPI-0067191b TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: N/A
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                               TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 2423:
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SEQUENCE DESCRIPTION: SEQ ID NO: 3005:

US-09-543-679A-3005
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FILING DATE: 1998-08-03
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REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
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                                                                     LENGTH: 5962 base pairs
                 TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2423:
SEQUENCE CHARACTERISTICS:
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TELEFAX: 413-254-9245
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                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
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Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                     1 TGCTCTCCTCTCTT 15
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-543-679A-3005/c
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Sequence 174, Application US/60248505
GENERAL INFORMATION:
APPLICANT: Beasley, Ellower Sequence TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 382, Application US/60248505
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: cl000918
CURRENT APPLICATION NUMBER: US/60/248,505
CURRENT PAPLICATION DOWNER: US/60/248,505
NUMBER OF SEQ ID NOS: 1998
SOFTWARE: FastSEQ for Mindows Version 4.0
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GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRMAY DISORDERS ASSOCIATED WITH
BRONGHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
                                                                                                                                                          FILE REFERENCE: C1000918
CURRENT APPLICATION NUMBER: US/60/248,505
CURRENT FILING DATE: 2000-11-15
NUMBER OF SEQ ID NOS: 1998
SOFTWARE: FastSEQ for Windows Version 4.0
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Best Local Similarity 100.
Matches 15; Conservative
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Best Local Similarity 100.
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-724-866A-3895/c
Sequence 3895, Application US/09724866A
GENERAL INPORMATION:
TITLE OF INVENTION: Polynucleotides, Material Incorporating
TITLE OF INVENTION: Polynucleotides, Material Incorporating
TITLE REFRENCE: 11000.1049BU
CURRENT FILING DATE: 2000-11-28
CURRENT FILING DATE: 1999-12-21
NUMBER OF SEQ ID NOS: 24913
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3895
LENGTH: 288
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                93.3%; Score 14; DB 5; Le
100.0%; Pred. No. 1.4e+02;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/543,679A FILING DATE: 13-Apr-2000 CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 3002:
18-09-543-679A-3002
                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:

APPLICATION UNMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 117608 base pairs
                                                                                                                                                                 COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 3002:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Eucalyptus grandis
                                                                                                                            COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Db 30983 TGCTCTCTCTT 30969
                                                                                                                                                MEDIUM TYPE: CD-R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 93.3
Best Local Similarity 100.
Matches 14; Conservative
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Best Local Similarity 100.
Matches 15; Conservative
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                                                                                                                                                                                                          SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         15 TGCTCTCCTCTCT 2
                                                                                     USA
                                                                                                      ZIP: 08512
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Haodong Li
Steven M. Ruben
William A. Haselline
TITLE OF INVENTION: Human Genes, Sequences, and Expression Products - 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   93.3%; Score 14; DB 6; Length 288; 100.0%; Pred. No. 1.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATE: MINIMATE AND APPLICATE BY UKRAIA, IIRKA
TITLE OF INVENTION: Polynucleotides, Material Incorporating
TITLE OF INVENTION: Them, and Methods for Using Them
CIRENT REPERENCE: 11000-11049BU
CURRENT APPLICATION NUMBER: US/09/724,866A
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: 60/111,432
PRIOR FILING DATE: 1999-12-21
ROMBER OF SEQ ID NOS: 24913
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage COMPUTER: HP Vectra 486/33 OPERAITN SYSTEM: MSDOS version 6.2 SOFTWARE: ASCII Text
                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Human Genome Sciences, Inc. STREET: 9410 Key West Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/60/010,803
FILING DATE: 30-Jan-1996
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 2406:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: BENSON, BOD
REGISTRATION NUMBER: 30,446
REFERENCE/DOCKET NUMBER: PO19
TELECOMMUNICATION INFORMATION:
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RESULT 13
US-60-010-803-2406/c
US-60-010-803-2406, Application US/60010803
GENERAL INFORMATION:
PARTICK S. Dillon
Julie Earle-Hughes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (301) 309-8504
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (301) 309-8512
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 2406: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 288 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 4137
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 20850
COMPUTER READABLE FORM:
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Best Local Similarity 100.
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                   CITY: Rockville
                                                                                                                                                                                                                                                                                                                                                                                            STATE: Maryland
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US-09-724-866A-24275/C
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Sequence 49719, Application US/09540212A

GENERAL INFORMATION:
APPLICANT: Scilhamer, Jeffrey J.
APPLICANT: State, Susan G.
APPLICANT: State, Susan G.
APPLICANT: State, Susan G.
APPLICANT: State, Susan G.
APPLICANT: Mullahy, Sara J.
APPLICANT: Mullahy, Sara J.
APPLICANT: Naughton, Rebecca E.
TITLE OF INVENTION: POLYNCLEOTIDES OF AIRWAY AND LUNG SYSTEM TISSUE
FILE REFERENCE: PD-1034 CIP
CURRENT FILING DATE: 2000-03-31
NUMBER OF SEQ ID NOS: 67551
SOUTHAND APPLICATION NUMBER: SSOUTHAND SEQ ID NOS: 67551
SEQ ID NO 49719
LENGTH: 488
                                                                                                                                                                                                                           0; Gaps
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93.3%; Score 14; DB 5; Length 316;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
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US-09-540-212A-49719
; SEQ ID NO 24275
; LENGTH: 316
; TYPE: DNA
; ORGANISM: Eucalyptus grandis
US-09-724-8668-24275
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Search completed: April 26, 2001, 17:26:02 Job time: 61699 sec

66 GCTCTCCTCCTT 53

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April 26, 2001, 15:31:59; Search time 11829.6 Seconds (without alignments) 9.243 Million cell updates/sec
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11: /cgn2_6/ptodata/2/pna/USOR_COMB.seq:*
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16: /cgn2_6/ptodata/2/pna/USOR_COMB.seq:*
GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          13168883 seqs, 2603265903 residues
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 200000000
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Perfect score:
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7296, Ap
1680, Ap
85946, A
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Sequence 1
Sequence 2
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US-09-509-162A-1680
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US-09-620-392-15363
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US-09-70-134-7616
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US-09-605-699-18112
US-09-605-699-10937
US-09-606-755-9894
US-09-606-755-10272
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US-09-049-820-797
US-60-041-733-2845
US-60-180-489-3193
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US-09-606-755-14718
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US-09-540-764-33806
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US-60-171-43
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Match Length
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ptodata/2/pna/US6005

/cgn2_6/ptodata/2/pna/US6007_COMB.seq:* /cgn2_6/ptodata/2/pna/US6008_COMB.seq:* /cgn2_6/ptodata/2/pna/US6008_COMB.seq:* /cgn2_6/ptodata/2/pna/US6010_COMB.seq:* /cgn2_6/ptodata/2/pna/US6011_COMB.seq:*

/cgn2_6/ptodata/2/pna/US092_COMB.seq:* /cgn2_6/ptodata/2/pna/US093_COMB.seq:* /cgn2_6/ptodata/2/pna/US094_COMB.seq:* /cgn2_6/ptodata/2/pna/US095A_COMB.seq:* /cgn2_6/ptodata/2/pna/US095B_COMB.seq:*

ALIGNMENTS

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GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W. Trate of Lung Diseases
TITLE OF INVENTION: Wethod of Treatment of Lung Diseases
                                                                              TITLE OF INVENTION: Method of Treatment of Lung Diseases
TITLE OF INVENTION: Using Antisense Oligonucleotides
NUMBER OF SEQUENCES: 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 21; DB 8; Length 21; Best Local Similarity 100.0%; Pred. No. 20; Matches 21; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CUBRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Kenneth D. Sibley
STREET: Post Office Drawer 34009
CITY: Charlotte
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Kenneth D. Sibley
STREET: Post Office Drawer 34009
CITY: Charlotte
                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/474,497
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: S1bley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5218-32
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 881-3140
TELEFAX: (919) 881-3140
                    Sequence 7, Application US/08474497
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-474-497-7
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CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
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US-08-474-497-7
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Sequence 965, Application US/09093972C
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
6 TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFCATION: CURNOWN>
PRIOR APPLICATION OF CURNOWN>
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1996
FILING DATE: 26-11-1996
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSER: PETGENESTS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
CITY: Cranbury
                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION: NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5218-32
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 881-3140
TELEFAX: (919) 881-3175
TELEX: 575102
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/016,464
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
ATTORNEY/AGENT INFORMATION:
                                                           FILING DATE: 30-Jan-1998
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/474,497
FILING DATE: «Unknown»
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
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REGISTRATION NUMBER: 30,930
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STRANDEDNESS: single
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ZIP: 08512
COMPUTER READABLE FORM:
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Best Local Similarity
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APPLICANT:
APPLICANT:
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18-09-152A-968
1S-09-509-152A-968
1S Sequence 968, Application US/09509152A
1S GENERAL INFORMATION:
1S GENERAL INFORMATION:
2DITLE OF INVENTION: MULTIPLE TARGET HYBRIDIZING COMPOSITION
3TITLE OF INVENTION: FORMULATIONS, KITS & APPLICATIONS
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                                                                                                                                                                                                                                                                                                                         100.0%; Score 21; DB 14; Length 21; 100.0%; Pred. No. 20; cive 0; Mismatches 0; Indels
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RAPLICATION NUMBER: US/09/509,152A
FILING DATE: 17-Mar-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00991
REFERENCE/DOCKET NUMBER: EPI-00672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
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                                                                                                                                                                                                    TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) SQUENCE DESCRIPTION: SEQ ID NO: 965: US-09-093-972C-965
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 60/059,160
FILING DATE: 1997-09-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                   TELECOMMUNICATION INFORMATION: TELEPHONE: 609-409-3035
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Diskette
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                                                                              TELEX: <Unknown> INFORMATION FOR SEQ ID NO: 965:
                                                                                                                                           LENGIH: 21 base pairs
                                                           TELEFAX: 413-254-9245
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                      SEQUENCE CHARACTERISTICS:
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Matches 21; Conservative
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Best Local Similarity
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Sequence 1680, Application US/09509152A
GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: MULTIPLE TARGET HYBRIDIZING COMPOSITION
FORMULATIONS, KITS & APPLICATIONS
NUMBER OF SEQUENCES: 2419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Kingsbury, Gillian A.
APPLICANT: Kingsbury, Gillian A.
APPLICANT: Busfield, Samantha J.
TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
TITLE OF INVENTION: THEREFOR
FILE REFERENCE: 1600.1152-001
CURRENT APPLICATION NUMBER: US/09/637,890
PRIOR APPLICATION NUMBER: 60/147,939
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 CLARKE DRIVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,152A
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PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 10217
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 7296
                                                                                                                                                        Sequence 7296, Application US/09637890 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; IOCATION: (1)...(183); OTHER INFORMATION: n = A,T,C or G US-09-637-890-7296
                                                                                                                                                                                                                                                                                                                                                 Vasicek, Tom
MacBeth, Kyle J.
Villeval, Jean-Luc M.
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                                                                                                                                                                                                         Gearing, David P.
Shyjan, Andrew W.
Holtzman, Douglas A.
                                                                                                                                                                                                                                                                                                     Culpepper, Janice A.
Leiby, Kevin R.
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TGCTTTTCTTTTCTGGGCCTC 21
                                                                                                                                                                                                                                                                                  Galvin, Katherine
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Best Local Similarity 100.
Matches 21; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                       Cepada, Mario
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: CRANBURY
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                                                                                                                                     US-09-637-890-7296/c
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Gaps

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APPLICANT: Hodgson, David M. APPLICANT: Lincoln, Stephen B. APPLICANT: Russo, Frank D. APPLICANT: Spiro, Peter A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               437 tgcttttcttttctgggcctc 457
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                  ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
LOCATION: (1)...(476)
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 21; Conserve
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Best Local Similarity
Matches 21; Conserv
        GENERAL INFORMATION:
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                                                                                                                                                                                                                                   SEQ ID NO 18289
LENGTH: 476
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LENGTH: 476
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                                                                                                                                                                                                                                                                                   TYPE: DNA
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Ouery Match

Best Local Similarity 100.0%; Pred. No. 37;

Matches 21; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Labat, Ivan
APPLICANT: Stache-Crain, Birgit
APPLICANT: Dickson, Mark
APPLICANT: Jones, Lee W.
TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained
TITLE OF INVENTION: From Various Libraries
                                                      APPLICATION NUMBER: 60/059,160
FILING DATE: 1997-09-17
ATTORNEY, AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00991
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELERAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE DESCRIPTION: SEQ ID NO: 1680: US-09-509-152A-1680
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 774

CURRENT APPLICATION NUMBER: US/09/528,409

CURRENT FILING DATE: 2000-03-17

PRIOR APPLICATION NUMBER: 60/125,453

PRIOR FILING DATE: 1999-03-19

NUMBER OF SEQ ID NOS: 116231

SOGTWARE: Hy-patent.pl Version 3.1

SEQ ID NO 85946

LENGTH: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 85946, Application US/09528409 GENERAL INFORMATION:
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: Sequence 18289, Application US/09362510
FILING DATE: 17-Mar-2000 CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LOCATION: (1)...(435)
COTHER INFORMATION: n = A,T,C or G
US-09-528-409-85946
                                                                                                                                                                                                                                                                                                           LENGTH: 329 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 1680: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            204 tgcttttcttttctgggcctc 224
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                                           PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                  TELEX: <Unknown>
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Best Local Similarity 100.0
Matches 21; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-528-409-85946
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
TITLE OF INVENTION: RROW VARIOUS CDNA LIBRARIES
FILE REFERENCE: 20411-759CON1
CURRENT APPLICATION NUMBER: US/09/362,510A
CURRENT FILING DATE: 1999-07-27
PRIOR APPLICATION NUMBER: US 09/221,820
PRIOR FILING DATE: 1998-12-30
NUMBER OF SEQ ID NOS: 62165
SOFTWARE: RestSEQ for Windows Version 3.0
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
TITLE OF INVENTION: FROM VARIOUS CONA LIBRARIES
FILLE REFERENCE: 20411-759COM.
CURRENT APPLICATION NUMBER: US/09/362,510
CURRENT FILING DATE: 1999-07-27
EARLIER PILING DATE: 1999-12-30
NUMBER OF SEQ ID NOS: 62165
SOFTWARE: FASTERO for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                               ; NAME/KEY: misc_feature
; LOCATION: (1)...(476)
; OTHER INFORMATION: n = A,T,C or G
US-09-362-510-18289
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: n = A,T,C or G
US-09-362-510A-18289
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APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
TITLE OF INVENTION: PATHWAY GENE EXPRESSION
NUMBER OF SEQUENCES: 1490
CORRESPONDENCE ADDRESS:
ADDRESSE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                              APPLICANT: Daniels, Susan E.
TITLE OF INVENTION: RECEPTOR MOLECULES
FILE REFERENCE: PT -0026 US
CURRENT APPLICATION NUMBER: US/09/587,373
CURRENT FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/137,394
PRIOR FILING DATE: 1999-06-03
PRIOR APPLICATION NUMBER: US 60/137,412
PRIOR FILING DATE: 1999-06-03
PRIOR FILING DATE: 1999-06-03
PRIOR FILING DATE: 1999-08-04
PRIOR FILING DATE: 1999-08-04
PRIOR PLING DATE: 1999-08-05
PRIOR APPLICATION NUMBER: US 60/147,501
PRIOR PLING DATE: 1999-08-05
PRIOR PLING DATE: 1999-08-05
NUMBER OF SEQ ID NOS: 540
SOFTHARE: PERL PROGRAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No: 375299.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LOCATION: 281, 445; OTHER INFORMATION: a, t, c, g, or other US-09-587-373-366
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-016-434-1357/c; Sequence 1357, Application US/09016434; GENERAL INFORMATION:
                                                                                                    Chalup, Michael S.
Hillman, Jennifer L.
Jones, Anissa L.
Yu, Jimmy Y.
Greenawalt, Lila B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     498 tgcttttcttttctgggcctc 518
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Banville, Steve C.
Bratcher, Shawn R.
                                     Dufour, Gerard E.
Cohen, Howard J.
                                                                                                                                                                                                                                           Roseberry, Ann M. Wright, Rachel J.
                                                                                                                                                                                                                    Panzer, Scott R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ouery Match
Best Local Similarity 100.0
Matches 21; Conservative
                                                                                        Rosen, Bruce
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: unsure
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                                                                                                           APPLICANT
                                                                                                                                                                            APPLICANT
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Sequence 2409, Application US/09509152A
GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: MULTIPLE TARGET HYBRIDIZING COMPOSITION
FORMULATIONS, KITS & APPLICATIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 21; DB 14; Length 2988; 100.0%; Pred. No. 54;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: BFIGENESIS PHARMACEUTICALS, INC.
STREET: 7 CLARKE DRIVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/509,152A
FILING DATE: 17-Mar-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: EPI-00991 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/059,160 FILING DATE: 1997-09-17 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/016,434
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                               ATTORNEY AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTARTION UNBER: 37,071
REFERENCE/DOCKET NUMBER: PA-00
TELECOMMUNICATION INFORMATION:
TELEFAX: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1357:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2409:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 2419
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                                                                                                                                                                                                                                                                                                                                                              LENGTH: 2988 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.0
Best Local Similarity 100.0
Matches 21; Conservative
                                 HEREWITH
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                                                          CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
ZIP: 08512
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LIBRARY: GENBANK
                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
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US-09-016-434-1357
                                                                                                                             FILING DATE:
CLASSIFICATION:
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US-09-509-152A-2409
                                          FILING DATE:
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ORGANISM: Homo sapiens
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                                                                                                                                                        US-09-504-577-67
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TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
FILLE NEFERENCE: CL000885
CURRENT APPLICATION NUMBER: US/60/245,225
CURRENT FILLS DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 705
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                        Gaps
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                                                                                                                                                                        Score 21; DB 19; Length 7800; 
Pred. No. 66; 
); Mismatches 0; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        87.6%; Score 18.4; DB 23; Length 123; 90.5%; Pred. No. 4.1e+02; Live 0; Mismatches 2; Indels 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Havikkala, Ilkka
APPLICANT: Shenk, Michael A
TITLE OF INVENTION: Polynucleotides, Materials Incorporating
TITLE OF INVENTION: Them, and Methods for Using Them
FILE REFERENCE: 11000.104102
CURRENT APPLICATION NUMBER: US/09/605,699
CURRENT FILING DATE: 2000-06-21
NUMBER OF SEQ ID NOS: 25120
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                        Indels
                                                             TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 2409:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 20494, Application US/09605699 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                       5.60-245-225-141/c
Sequence 141, Application US/60245225
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ) NAME/KEY: misc_feature

| DCGATION: (1)...(123)

| OTHER INFORMATION: n = A,T,C or G

US-09-605-699-20494
LENGTH: 7800 base pairs
                                                                                                                                                                        Query Match 100.0%; S
Best Local Similarity 100.0%; P
Matches 21; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    885 TGCTTTTCTTTCTGGGCCTC 865
                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                     52 TGCTTTTCTTTCTGGGCCTC 72
                                                                                                                                                                                                                                                            1 TGCTTTTCTTTCTGGGCCTC 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 TGCTTTTCTTTGGGCCTC 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 87.6
Best Local Similarity 90.5
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Pinus radiata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: DNA
; ORGANISM: Human
US-60-245-225-141
                                                                                                        US-09-509-152A-2409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-605-699-20494
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 141
LENGTH: 13210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 20494
LENGTH: 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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Gaps
                                                                                                                                                                                                                              Human Genes, Sequences, and Expression Products
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 273;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         87.6%; Score 18.4; DB 19; 95.0%; Pred. No. 4.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
                                                                                                                                                Sequence 67, Application US/09504577;
GENERAL INFORMATION:
APPLICANT: Rosen, et. al.;
TITLE OF INVENTION: Human Genes, Sequences,
FILE REFERENCE: PO47
CURRENT APPLICATION NUMBER: US/09/504,577;
CURRENT FILING DATE: 2000-02.15
PRIOR PLICATION NUMBER: 60/120,434
PRIOR FILING DATE: 1999-02-16
NUMBER OF SEQ ID NOS: 2263
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 677
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KRY: misc feature
LOCATION: (261)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KRY: misc feature
LOCATION: (270)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KRY: misc feature
LOCATION: (271)
OTHER INFORMATION: n equals a,t,g, or c
LOCATION: (272)
OTHER INFORMATION: n equals a,t,g, or c
LOCATION: (272)
OTHER INFORMATION: n equals a,t,g, or c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: n equals a,t,g, or c US-09-504-577-67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: (2)
OTHER INFORMATION: n equals a,t,g, or c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Search completed: April 26, 2001, 15:32:00 Job time: 30525 sec
                     43 tgntttttttttgggcctc 63
1 TGCTTTTCTTTCTGGGCCTC 21
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Best Local Similarity 95.0%
Matches 19, Conservative
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April 26, 2001, 17:26:02; Search time 217.85 seconds (without alignments) 26.499 Million cell updates/sec
GenCore version 4.5 Copyright (c) 1993 - 2000 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                     Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                    187195 seqs, 137450115 residues
                                                                                                                                                                                                                             21
                                                                        OM nucleic - nucleic search, using sw model
                                                                                                                                                                                  US-09-093-972C-965
21
1 TGCTTTTCTTGGGCCTC
                                                                                                                                                                                                                                                               IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
                                                                                                                                                                                      Title:
Perfect score:
                                                                                                                                                                                                                                                               Scoring table:
                                                                                                                                                                                                                             Sequence:
                                                                                                                                                                                                                                                                                                                    Searched:
                                                                                                            Run on:
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Pending_Patents_NA_New:* Database :

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

1: /cgn2_6/ptodata/2/pna/PCT_NEW_COMB.seq:*
2: /cgn2_6/ptodata/2/pna/USO6_NEW_COMB.seq:*
3: /cgn2_6/ptodata/2/pna/USO6_NEW_COMB.seq:*
5: /cgn2_6/ptodata/2/pna/USO8_NEW_COMB.seq:*
6: /cgn2_6/ptodata/2/pna/USO9_NEW_COMB.seq:*
6: /cgn2_6/ptodata/2/pna/USO9_NEW_COMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

		æ			SUMMARIES	
Result No.	lt 5. Score	Query Match	Length	DB	ID	Description
	1 21	100.0	21	2	US-09-543-679A-968	Sequence 968, App
	2 21	100.0	329	Ŋ	US-09-543-679A-1680	1680,
ပ	3 21	100.0	2988	S	US-09-543-679A-2824	2824,
	4 21	100.0	7800	S	US-09-543-679A-2409	2409,
υ	5 21	100.0	12084	9	US-60-248-505-239	239, A
	6 21	100.0	1	Ŋ	US-09-543-679A-3002	3002,
ပ	7 17.4	82.9		9	US-60-248-505-20	20, Ar
	П	80.0	730	Ŋ	US-09-533-077-143	143,
Ö	9 16.8	80.0	147010	9	US-60-248-505-163	163,
-	_	8	2494	S	US-09-543-679A-2800	2800,
O	П	78.1	4437	9	US-60-248-505-417	417, P
1	12 16.4	78.1	14607	Ŋ	US-09-543-679A-2802	2802,
П	-	۲.	103631		US-60-248-505-160	160, 4
-	14 16.4	٦.	176251		US-60-248-505-361	361,
-	_	ч	239630		US-60-248-505-158	158,
-	1		449171		US-60-248-505-42	42, 7
-	16.	۲.	186		US-09-540-212A-46672	4667
o C	16.	77.1	517	4	US-08-276-163D-2731	273
. Τ	16.	77.1	13467		PCT-US01-01339-8632	
	16.	77.1	21458		PCT-US01-01339-8810	8810,
	16.	77.1	38136		US-60-248-505-645	645, 4
	15.	75.2	255		US-09-724-866A-12467	12467
Ö	_	75.2	268		US-09-540-212A-49799	
	15.	75.2	275		US-09-540-212A-19893	1989
O	25 15.8	75.2	335		US-09-724-866A-12466	1246
	15.	75.2	386		US-09-724-866A-12468	1246
. •	_	75.2	2625		US-09-801-833-7444	

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Gaps

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Query Match
100.0%; Score 21; DB 5; Length 21;
Best Local Similarity 100.0%; Pred. No. 0.84;
Matches 21; Conservative 0; Mismatches 0; Indels

Sequence 5, Appli Sequence 18, Appl	Sequence 539, App	Sequence 412, App		Sequence 268, App	Sequence 46, Appl	Sequence 507, App	Sequence 12211, A		Sequence 9, Appli	Sequence 118, App	Sequence 29, Appl	Sequence 3, Appli	Sequence 12217, A	Sequence 15967, A	Sequence 18835, A	Sequence 17198, A
PCT-US01-10354-5 US-09-668-021-18	US-60-248-505-539	US-60-248-505-412	US-60-254-168-38	US-60-248-505-268	US-60-248-505-46	US-60-248-505-507	US-09-335-032-12211	US-09-540-212A-17235	US-60-248-823-9	US-60-248-505-118	US-60-248-823-29	US-09-822-246-3	US-09-335-032-12217	US-09-724-866A-15967	US-09-724-866A-18835	US-09-540-212A-17198
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3409 9301	29248	30952	43546	82150	122715	122716	562638	254	25764	46334	69937	197997	784328	200	209	236
75.2	75.2	75.2	, 75.2	75.2	75.2	75.2	75.2	73.3	73.3	73.3	73.3	73.3	73.3	72.4	72.4	72.4
15.8 15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.4	15.4	15.4	15.4	15.4	15.4	15.2	15.2	15.2
28 29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
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ALIGNMENTS

RESULT 1 US-09-543-679A-968 Sequence 968, Application US/09543679A GENERAL INFORMATION: GENERAL INFORMATION: CENERAL INFORMATION: TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE, CORRESPONDENCE ADDRESS: CORRESPONDENCE ADDRESS: ADDRESSES: STREET: ALDRESS: CORRESPONDENCE ADDRESS: COUNTY: USA COUNTY: USA COUNTY: USA COUNTY: USA COUNTY: USA COUNTY: USA CONFUTER: IDA COMPATIBLE COMPUTER READABLE FORM: MEDIUM TYPER: US/09/543,679A FILING DATE: 13-Apr-200 CLASSIFICATION: UNKNOWN REDIUM TYPER: 13-Apr-200 CLASSIFICATION: UNKNOWN REPILACATION: UNKNOWN REPLICATION: UNMBER: 30, 930 REPLICATION: UNMBER: 30, 930 REPLICATION: UNMBER: 30, 930 REPLICATION: UNKNOWN TELECOMMUNICATION: UNKNOWN TELECOMMUNICATION: UNKNOWN TELECOMMUNICATION: UNKNOWN TELECOMMUNICATION: UNKNOWN TELECOMMUNICATION: TO NO: 968: SEQUENCE: CHARACTERISTICS: LENGTH: 21 base pairs TYPE: UNCOKET UNESS: SINGle STRANDENES: SINGle
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us-09-093-972c-965.rnpn

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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: 609-409-3035
                     STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 2824: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   494 IGCTTTTCTTTTCTGGGCCTC 474
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            21
                                                                                                      ZIP: 08512
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 08512
COMPUTER READABLE FORM:
MEDIUM TYPE: CD-R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 2988 base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 TGCTTTTCTTTTCTGGGCCTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Cranbury STATE: NJ
                                                                                                                                                                                                              SOFTWARE: N/A
                                                                                     USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
                                                           STATE: NJ
COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-543-679A-2409
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                                                                                                                                                             Sequence 1680, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2824, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W
ITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF ATTEMAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                        BRONCHOCONSTRICTION, LUNG INFLAMMATION,
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                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pred. No. 1.1
Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:

**PAPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Fr.
0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 329 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 1680: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 3111 CORRESPONDENCE ADDRESS:
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                                          1 TGCTTTTCTTTCTGGGCCTC 21
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COMPUTER READABLE FORM:
                       1 TGCTTTTCTTTTCTGGGCCTC
                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: CD-R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: <Unknown>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 100.

Best Local Similarity 100.

Matches 21; Conservative
                                                                                                                                                                                                                                                                                                                                                                                          CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
                                                                                                                                                                                                                                                                                                                                                                                                             STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-543-679A-2824/C
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APPLICANT: NYCE, JONATHAN W.

TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE, COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRMAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
100.0%; Score 21; DB 5; Length 2988;
Best Local Similarity 100.0%; Pred. No. 1.4;
Matches 21; Conservative 0; Mismatches 0; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC
                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: EPI-0067191b TELECOMMUNICATION INFORMATION:
                                                                                                      CURRENT APPLICATION DATA:
RAPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-APL-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
RAPPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear SEQ ID NO: 2824:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 2409, Application US/09543679A; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                    NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
MEDIUM TYPE: CD-R
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM COMPATIBLE OPERATING SYSTEM: DOS SOFTWARE: N/A
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Gaps

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TYPE: DNA
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GENERAL INFORMATION:
APPLICANT: Beasley, Ellen
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPPORS, NUCLEIC ACID MCLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: C1000918
FILE REFERENCE: C1000918
CURRENT APPLICATION NUMBER: US/60/248,505
CURRENT FILING DATE: 2000-11-15
NUMBER OF SEQ ID NOS: 1998
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 239
LENGTH: 12084
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APLICANT: UNCE, JONATHAN W.
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLECTIDE,
TITLE OF INVENTION: LOW ADENOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
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                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 21; DB 5; Length 7800; 100.0%; Pred. No. 1.6; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive CITY: Cranbury
                                           NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                               TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 2409: US-09-543-679A-2409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 3002, Application US/09543679A GENERAL INFORMATION:
                                                                                                                                                                                          INFORMATION FOR SEC ID NO: 2409:
SEQUENCE CHARACTERISTICS:
LENGTH: 7800 base pairs
FILING DATE: 1998-08-03
                      ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      603 TGCTTTTCTTTCTGGGCCTC 583
                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              52 IGCTTTCTTTCTGGGCCTC 72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 TGCTTTTCTTTCTGGGCCTC 21
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                                                                                                                                                                        TELEX: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 100.
Best Local Similarity 100.
Matches 21; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      21; Conservative
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COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 21; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: DNA
; ORGANISM: human
US-60-248-505-239
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TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REPRENCE: c1000918
CURRENT APPLICATION NUMBER: US/60/248,505
CURRENT FILING DATE: 2000-11-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ouery Match 82.9%; Score 17.4; DB 6; Length 87137; Best Local Similarity 94.7%; Pred. No. 70; Matches 18; Conservative 0; Mismatches 1; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                     APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 3002:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 1998
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                   NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 117608 base pairs
                                                                       COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 20, Application US/60248505; GENERAL INFORMATION:
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COTHER INFORMATION: n = A,T,C or G
US-60-248-505-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 3002:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Db 26487 CTTCTTTTTCTGGGCCTC 26469
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   52 TGCTTTTCTTTCTGGGCCTC 72
                                                                                                                                              CURRENT APPLICATION DATA:
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ZIP: 08512
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
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                                               MEDIUM TYPE: CD-R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: human
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LENGTH: 87137
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Query Match
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Sequence 163, Application US/60248505

Sequence 163, Application US/60248505

Sequence 163, Application US/60248505

GENERAL INFORMATION:
APPLICANT: Beasley, Ellen
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: 1000918

CURRENT APPLICATION NUMBER: US/60/248,505

CURRENT FILING DATE: 2000-11-15

NUMBER OF SEQ ID NOS: 1998

SOFTWARE: FastSEQ for Windows Version 4.0
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                            Sequence 143, Application US/09533077; GENERAL INFORMATION:

APPLICANT: Wang, Tongtong

APPLICANT: Bangur, Chaitanya S.

APPLICANT: Bangur, Chaitanya S.

APPLICANT: Bangur, Chaitanya S.

APPLICANT: Bangur, Chaitanya S.

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER; FILE REFERENCE: 210121.478C5

CURRENT FILING DATE: 2000-03-22

NUMBER OF SEQ ID NOS: 800

SOFTWARE: FastSEQ for Windows Version 3.0

LENGTH: 730
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Best Local Similarity 85.7%; Pred. No. 78;
Matches 18; Conservative 0; Mismatches 3: Thank
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GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; NAME/KEY: misc_feature
; LCCATION: (1)...(730)
; OTHER INFORMATION: n = A,T,C or G
US-09-533-077-143
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US-60-248-505-163
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 90.0
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: human
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LENGTH: 147010
SULT 8
-09-533-077-143
                                                                                                                                                                                                                                                                                                                                                                                        DNA
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Sequence 417, Application US/60248305
GENERAL INFORMATION:
APPLICART: Beasley, Ellen
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REPERENCE: 01000918
CURRENT APPLICATION NUMBER: US/60/248,505
NUMBER OF SEQ ID NOS: 1998
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 417
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE.
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRMAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
                                                                                                                                           ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION NECRMATION:
                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
RAPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE DESCRIPTION: SEQ ID NO: 2800 US-09-543-679A-2800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM COMPATIBLE OPERATING SYSTEM: DOS SOFTWARE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: (1)...(4437)
CTHER INFORMATION: n = A,T,C or G
US-60-248-505-417
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TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 2494 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: <Unknown> INFORMATION FOR SEQ ID NO: 2800:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                          ZIP: 08512
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
                                                                                             NUMBER OF SEQUENCES: 33
                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: CD-R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4 TITICITITICIGGCCTC 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 94.4
Matches 17; Conservative
                                                                                                                                                                                       CITY: Cranbury
STATE: NJ
                                                                                                                                                                                                                                           COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-60-248-505-417/c
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ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4437
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1; Indels
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Pred. No. 1.9e+02;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 158, Application US/60248505; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; LCCATION: (1)...(176251)
; OTHER INFORMATION: n = A,T,C or G
US-60-248-505-361
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     78.18;
                                                                                                                                                                                                                                      78.1%;
94.4%;
                                                                                                                                                                                                                                                                                                                                 2 GCTTTTCTTTTCTGGGCC 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4 TITICITITICIGGCCTC 21
                                                                                                                                                                                                                                  Query Match 78.1 Best Local Similarity 94.4 Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 78.1
Best Local Similarity 94.4
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature
                                                                                                                                        TYPE: DNA ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: human
                                                                                             SEQ ID NO 160
LENGTH: 103631
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 361
LENGTH: 176251
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 158
LENGTH: 239630
                                                                                                                                                                            US-60-248-505-160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 15
US-60-248-505-158
                                                                                                                                                                                                                                                                                                                                                                                                                          US-60-248-505-361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE
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                                           Gaps
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                                                                                                                                                                                              S-U3-14-10-NA-420-Z
S-U3-14-10-NA-420-Z
Sequence 2802, Application US/09543679A
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLECTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 14607;
Score 16.4; DB 6; Length 4437;
Pred. No. 1.4e+02;
0; Mismatches 1; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 160, Application US/60248505
GENERAL INFORMATION:
APPLICANT: Beasley, Ellen
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         78.1%; Score 16.4; DB 5; ilarity 94.4%; Pred. No. 1.6e+02; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-API-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; FOR TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 2802 S13-679A-2802
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: CD-R
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 14607 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 2802: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Db 11546 TTTTCTTTTCTGGGGCTC 11563
 78.18;
94.48;
                                                                                               ZIP: 08512
COMPUTER READABLE FORM:
                                                                           4 TTTTCTTTCTGGGCCTC 21
                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 3:
CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4 TITICITITICIGGCCIC 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PELEX: <Unknown>
                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 17; Conserv
                 Local Similarity
les 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE:
                                                                                                                                                                                      US-09-543-679A-2802
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-60-248-505-160
Query Match
                                   Matches
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GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: cl00918
CURRENT APPLICATION NUMBER: US/60/248,505
CURRENT APPLICATION NUMBER: US/60/11-15
NUMBER OF SEQ ID NOS: 1998
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Beasley, Ellen
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN.GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: clo00918
CURRENT APPLICATION NUMBER: US/60/248,505
CURRENT FILING DATE: 2000-11-15
NUMBER OF SEQ ID NOS: 1998
SOFTWARE: FastSEQ for Windows Version 4.0
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR TITLE OF INVENTION: PROPERNS, AND USES THEREOF FILE REFERENCE: cl000919 CURRANT FILLING DATE: 2000-11-15 NUMBER: US/60/248,505 NUMBER OF SEQ ID NOS: 1998
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 16.4; DB 6; Length 103631;
Pred. No. 1.9e+02;
0; Mismatches 1; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 176251;
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Search completed: April 26, 2001, 17:26:16 Job time: 61713 sec

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GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
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- nucleic search, using sw model OM nucleic

(without alignments) 8.362 Million cell updates/sec April 26, 2001, 15:32:00 ; Search time 11829.6 Seconds Run on:

1 TGTGGTCTGTTTTTTCTG 19 US-09-093-972C-966 19 Perfect score: Sednence:

IDENTITY_NUC Gapop 10.0 , Gapext 1.0 Scoring table:

13168883 segs, 2603265903 residues Searched: Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

ptodata/2/pna/US6000_COMB.seq:* ptodata/2/pna/US6001_COMB.seq:* ptodata/2/pna/US6002_COMB.seq:* cgn2_6/prodata/2/pna/US6004_COMB.seq:*
cgn2_6/ptodata/2/pna/US6005_COMB.seq:*
cgn2_6/ptodata/2/pna/US6006_COMB.seq:* /ptodata/2/pna/US6003_COMB.seg: /cgn2_6/ptodata/2/pna/US6009_COMB.seq:* /cgn2_6/ptodata/2/pna/US6010_COMB.seq:* /cgn2_6/ptodata/2/pna/US6011_COMB.seq:* /ptodata/2/pna/US6007_COMB.seq: /ptodata/2/pna/US6008_COMB.seq:

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             /cgn2_6/ptodata/2/pna/US6013_COMB.seq:*
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/cgn2_6/ptodata/2/pna/US6015_COMB.seq:*
/cgn2_6/ptodata/2/pna/US6015_COMB.seq:*
/cgn2_6/ptodata/2/pna/US6011_COMB.seq:*
/cgn2_6/ptodata/2/pna/US6018_COMB.seq:*
/cgn2_6/ptodata/2/pna/US6018_COMB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Description	Sequence 966, App Sequence 969, App Sequence 1680, Ap	~``	equence 644, A	Sequence 177539,	Sequence 20246, A Sequence 178, App	Sequence 804, App	Sequence 585, App Sequence 187861,	18786	515	Sequence 2078, Ap	207	179	Sequence 1/91, Ap	675	203	985	585, 585,	Sequence 383, App.	584,	1024	sequence 10246, A	Sequence 127042,	141,	164,		1975	550, A	16119	٠, ر	31592	equence 32520	Sequence 2362, Ap	
SUMMARIES	5.50)9-016-434-13)9-509-152A-2		US-09-654-61/-1/7539 US-09-684-016-177539	PCT-US01-01354-2024 US-60-242-679-178	US-09-534-859-804	US-09-406-292A-585	US-09-684-016-187861	US-60-160-209-515	US-09-/03-/08-20/8 US-60-164-320-2078	US-60-183-791-2078	US-09-036-591-1791	US-60-036-549-1791	US-09-724-000-0734 US-60-171-432-6754	US-09-359-067-2033	US-09-333-534-9858	US-09-404-284-585	US-09-524-038-363 US-09-637-890-8627	US-60-180-489-584	US-09-724-866-1024	US-60-1/1-432-10248	US-09-634-01/-12/0 US-09-684-016-1270	US-60-245-225-141	US-60-245-228-164	US-60-248-798-14	115-08-992-868-1975	US-09-370-505-550	US-09-540-229-161194	US-60-096-463-550	US-U9-U4U-266-23/2 US-09-535-897-3159	US-09-244-000A-32	US-09-151-199-236	** 600 70* 60 60
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Score	19 19 19 19	19	18	18	8 6		17.4	- 1	٠,	٠,٠	۲.	17	17	17	17	17	17	17	17	17	17	17	17	17	٦,	o w		ů.	6	16.4	9	99	ř. 7
Result No.	321	4 7	v (8 /	و د	11	12	14	15	16	18	19	50	22	23	24	25	27	28	29	30	32	33	34	32	0 6	38	39	40	47	43	44	ř
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RESULT
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                                                                                                 Sequence 966, Application US/09093972C
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
6 TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
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GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: MULTIPLE TARGET HYBRIDIZING COMPOSITION
FORMULATIONS, KITS & APPLICATIONS
NUMBER OF SEQUENCES: 2419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: CURKNOWN>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 996
CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PALON AFFLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: EPI-00672 TELECOMMUNICATION INFORMATION: TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) SEQUENCE DESCRIPTION: SEQ ID NO: 966: US-09-093-972C-966
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                              STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 966: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 TGTGGTCTGTTTTTTCTG 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 TGTGGTCTGTTTTTTCTG 19
                                                                                                                                                                                                                                                                                                                                                                              STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.C
Matches 19; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
                                                                                       US-09-093-972C-966
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VAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: MULTIPLE TARGET HYBRIDIZING COMPOSITION
FORMULATIONS, KITS & APPLICATIONS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 19;
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                     EPIGENESIS PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS_PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 19; DB 19; 100.0%; Pred. No. 1.9e+02;
                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,152A
FILING DATE: 17-Mar-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,152A
FILING DATE: 17-Mar-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 969:
                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 60/059,160 FILING DATE: 1997-09-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/059,160
FILING DATE: 1997-09-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1680, Application US/09509152A GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                   COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM COMPATIBLE OPERATING SYSTEM: DOS SOFTWARE: ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: UNKNOWN
                                          STREET: 7 CLARKE DRIVE
                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ;
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                                                                                                                 ZIP: 08512
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                    OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 969: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 TGTGGTCTGTTTTTTCTG 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 TGTGGTCTGTTTTTTCTG 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENE
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEX: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Ouery Match 100.
Best Local Similarity 100.
Matches 19; Conservative
                                                                                                                                                                                                                           ASCII
                                                           CRANBURY
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                                                                                                     USA
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                                                                           STATE: NJ
                                                                                                                                                                                                                         SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: NJ
                                                                                                     COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Janice Au-Young
APPLICANT: Janice Au-Young
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
TITLE OF INVENTION: PATHWAY GENE EXPRESSION
NUMBER OF SEQUENCES: 1490
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                  ;
0
                                                                                                                                                                                                                                                                                                                              Length 329;
                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                           100.0%; Score 19; DB 19; 100.0%; Pred. No. 3.1e+02;
                                                  0; Mismatches
                                                                                                                                                                                                                          TOPOLGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 1680:

US-09-509-152A-1680
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: INCYTE PHARMACEUTICALS, INC. 3174 PORTER DRIVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0002 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1357:
SEQUENCE CHARACTERISTICS:
LENGTH: 2988 base pairs
TYPE: nuclet acid
STRANDEDNESS: single
                  NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/09/016,434
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                           LENGTH: 329 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.0
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           HEREWITH
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CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; LIBRARY: GENBANK
; CLONE: 9400451
US-09-016-434-1357
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CLASSIFICATION:
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ZIP: 94304
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US-09-016-434-1357/c
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                                                                                                                                                                                                                                 Sequence 2409, Application US/09509152A
GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: MULTIPLE TARGET HYBRIDIZING COMPOSITION
FORMULATIONS, KITS & APPLICATIONS
NUMBER OF SEQUENCES: 2419
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100.0%; Score 19; DB 14; Length 2988; 100.0%; Pred. No. 4.7e+02; 1ve 0; Mismatches 0; Indels 0
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                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: BPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 CLARKE DRIVE
CITY: CRANBORY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,152A
FILING DATE: 17-MAI-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: EPI-00991
TELECHMUNICATION INFORMATION:
TELEBHONE: 609-409-3035
TELEFRAX: 413-254-9248
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TOPOLOGY: linear; SEQUENCE DESCRIPTION: SEQ ID NO: 2409: US-09-509-152A-2409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:

APPLICATION UNDBER: 60/059,160
FILING DATE: 1997-09-17
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-770-444-644/c
Sequence 644, Application US/09770444
GENERAL INFORMATION:
APPLICANT: GOTLach, John
APPLICANT: AN, Yong-Qiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 7800 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2409:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                   531 TGTGGTCTGTTTTTTCTG 513
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Hamilton, Carol M.
Price, Jennifer L.
                                                                                      1 TGTGGTCTGTTTTTTTCTG 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 TGTGGTCTGTTTTTTCTG 19
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Query Match
Best Local Similarity 100.
Matches 19; Conservative
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Best Local Similarity 100.
Matches 19; Conservative
                                                                                                            USA
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APPLICANT:
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TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          94.7%; Score 18; DB 30; Length 45 illarity 100.0%; Pred. No. 8.9e+02; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Hurban, Patrick
TITLE OF INVENTION: Expressed Sequences of Arabidopsis
FILE REFERENCE: 2027 (PARA-016PRV)
CURRENT APPLICATION NUMBER: US/09/770,444
CURRENT FILING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: 60/178,502
PRIOR FILING DATE: 2000-01-27
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100.0%; Pred. No. 9.9e+02;
tive 0; Mismatches 0;
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APPLICANT:
APPLICANT:
APPLICANT: Liu, Jingdong
TITLE OF INVENTION:
ANNOTATION:
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/09/654,617
CURRENT FILING DATE: 2000-09-05
NUMBER OF SEQ ID NOS:
SEQ ID NO 177339
LENGTH: 824
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 999
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-654-617-17539/c
; Sequence 177539, Application US/09654617
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LOCATION: (1)...(452)
OTHER INFORMATION: n = A,T,C or G
                                                                                                      Page, Any
Matthew, Abraham V.
Ledford, Brooke L.
Woessner, Jeffrey P.
Haas, William David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Arabidopsis thaliana
                                Yu, Yang
Rameaka, Joshua G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          192 TGTGGTCTGTTTTTTCT 175
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                                                                                                                                                                                                                                                                                                          Garcia, Carlos A.
Kricker, Maja
                                                                                                                                                                                                                                                                                                                                                                                                                        Davis, Keith R.
Allen, Keith
Hoffman, Neil
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 TGTGGTCTGTTTTTTTT 18
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Raines, Tracy M.
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Best Local Similarity 100.
Matches 18; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                           Slader, Ted
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Best Local Similarity
Matches 18; Conserv
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LENGIH: 452
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APPLICANT:
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APPLICANT:
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APPLICANT:
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RESULT

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APPLICANT: Greenberg, Simon
APPLICANT: Brandenberger, Ralph
APPLICANT: Brandenberger, Ralph
APPLICANT: Brandenberger, Ralph
APPLICANT: Bubman, Alex
TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
TITLE OF INVENTION: UGGET ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: CL000898-PROV
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICAMT: Human Genome Sciences, Inc. et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC004PCT
CURRENT APPLICATION NUMBER: PCT/US01/01354
CURRENT FILING DATE: 2001-03-17
NUMBER OF SEQ ID NOS: 42506
SOFTWARE: Patentin Ver. 2.0
SSC ID NO 20246
LENGTH: 15580
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         94.7%; Score 18; DB 27; I
100.0%; Pred. No. 9.9e+02;
Live 0; Mismatches 0;
                                 APPLICANT: Kovalic, David K.

APPLICANT: Liu, Jingdong
TITLE OF INVENTION: Annotated Plant Gel
TITLE REFERENCE: 38-21(1509')D
CURRENT APPLICATION NUMBER: US/09/684,016
CURRENT APPLICATION NUMBER: 2000-10-10
PRIOR PILING DATE: 2000-09-05
NUMBER OF SEQ ID NOS: 463173
SEQ ID NO 177539
LENGTH: 824
                                                                                                                                                                                                                                                                                                                                                                      ; LOCATION: (1)..(824)
; OTHER INFORMATION: unsure at all n locations
US-09-684-016-177539
                                                                                                                                                                                           US 09/654,617
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 18;
US-09-684-016-177539/c
; Sequence 177539, Application US/09684016
; GENERAL INFORMATION:
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100.0%; Pre
0; }
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                                                                                                                                                                                                                                                                                                                      ORGANISM: Arabidopsis thaliana FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Db 10376 tgtggtctgttttttttt 10393
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Best Local Similarity 100.C
Matches 18; Conservative
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Best Local Similarity 100.
Matches 18; Conservative
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PCT-US01-01354-20246
                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: unsure LOCATION: (1)..(8
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PCT-US01-01354-20246
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FEATURE
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US-09-406-292A-585/c
IS-09-406-292A-585/c
Sequence 585, Application US/09406292A
GENERAL INFORMATION:
APPLICANT: Wing, Rod A.
APPLICANT: Dean, Ralph A.
TITLE OF INVENTION: GENOMIC DNA SEQUENCES OF ORYZA SATIVA AND USES
TITLE OF INVENTION: THEREOF
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                                                                                                                                                                                                                                                                                                   0; Indels
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Pred. No. 1.9e+03;
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CURRENT APPLICATION NUMBER: US/60/242,679
CURRENT FILING DATE: 2000-10-24
NUMBER OF SEQ ID NOS: 2265
SOFWARKE: FastSEQ for Windows Version 4.0
SEQ ID NO 178
LENGTH: 24626
TYPE: DNA
ORGANISM: HUMAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/534,859
CURRENT FILING DATE: 2000-03-29
NUMBER OF SEQ ID NOS: 1127
SEQ ID NO 804
LENGTH: 78181
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 804, Application US/09534859
GENERAL INFORMATION:
APPLICANT: Bush, David F.
                                                                                                                                      FEATURE:

NAME/KEY: misc_feature

LOCATION: (1)...(24626)

OTHER INFORMATION: n = A,T,C or G
US-60-242-679-178
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APPLICANT: Levin, Irena M.
APPLICANT: Levin, Irena M.
APPLICANT: Parnell, Laurence D.
APPLICANT: Rounsley, Steven D.
APPLICANT: Widegand, Roger C.
TITLE OF INVENTION: 38-10(15493)
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; ORGANISM: Arabidopsis thaliana
US-09-534-859-804
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Best Local Similarity 100.
Matches 18; Conservative
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Best Local Similarity 100.
Matches 18; Conservative
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CURRENT APPLICATION NUMBER: US/09/684,016

CURRENT APPLICATION NUMBER: US/09/684,016

PRIOR APPLICATION NUMBER: 2000-09-05

PRIOR FILING DATE: 2000-09-05

NUMBER OF SEQ ID NOS: 463173

LENGTH: 465
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94.7%; Pred. No. 1.6e+03;
live 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Annotated Plant Genes
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CTHER INFORMATION: unsure at all n locations
US-09-654-617-187861
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COTHER INFORMATION: unsure at all n locations US-09-684-016-187861
                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Kovalic, David K.
APPLICANT: Liu, Jingdong
FILE REFERENCE: 38-21(15097)D
CURRENT APPLICATION NUMBER: US/09/654,617
CURRENT APPLICATION NUMBER: US/09/654,617
CURRENT APPLICATION NUMBER: US/09/654,617
CURRENT APPLICATION NUMBER: US/09/654,617
LENGTH: 465
LENGTH: 465
                                 NAME/KEY: Source
| I.O.CATION! (1). (239)
| OTHER INFORMATION: /clone="nbxb0005aG07.b" |
| NAME/KEY: misc_feature
| I.O.CATION! (1). (229)
| OTHER INFORMATION: n = a, t, c or g
                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 187861, Application US/09654617; GENERAL INFORMATION: APPLICANT: Kovalic, David K.
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TITLE OF INVENTION:
FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Arabidopsis thaliana
                                                                                                                                                                                                                                                                                                                         170 TGTGGGCTGTTTTTTTGTG 152
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Best Local Similarity 94.7
Matches 18; Conservative
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Best Local Similarity 94.7'
Matches 18; Conservative
ORGANISM: Oryza sativa
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US-60-160-209-515
Sequence 515. Application US/60160209
GENERAL INFORMATION:
APPLICANT: BONAZI, VIVIEN
TITLE OF INVENITON: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
TITLE OF INVENITON: TALE MCEULES ENCODING HUMAN KINASE PROTIENS AND USES;
TITLE OF INVENITON: THEREOF
FILE REFERENCE: CL000113
CURRENT APPLICATION NUMBER: US/60/160,209
CURRENT APPLICATION NUMBER: US/60/160,209
NUMBER OF SEQ ID NOS: 4646
SOOTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 515
LENGTH: 633
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                                            Gaps
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  91.6%; Score 17.4; DB 27; Length 465; 94.7%; Pred. No. 1.6e+03; tive 0; Mismatches 1; Indels 0
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                                                                             Query Match
Best Local Similarity 94.74
Matches 18; Conservative
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; ORGANISM: HUMAN
US-60-160-209-515
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TELEX: <URKnown>
INFORMATION FOR SEQ ID NO: 969:
SEQUENCE CHARACTERISTICS:
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STRANDEDNESS: single
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COMPUTER READABLE FORM:
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                COUNTRY: USA
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Sequence 40840, a
Sequence 495, App
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132, App
317, App
6850, Ap
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2824, Ap
3002, Ap
6754, Ap
10248, A
5229, App
5229, App
511, Appl
511, Appl
6013, Appl
511, Appl
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23.976 Million cell updates/sec
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Sequence 132,
Sequence 317,
Sequence 6850,
Sequence 198,
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                                                                                                                                                        April 26, 2001, 17:26:16 ; Search time 217.85 Seconds
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Sequence
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/cgn2_6/ptodata/2/pna/PCT_NEW_COMB.seq:*
/cgn2_6/ptodata/2/pna/USO6_NEW_COMB.seq:*
/cgn2_6/ptodata/2/pna/USO7_NEW_COMB.seq:*
/cgn2_6/ptodata/2/pna/USO9_NEW_COMB.seq:*
/cgn2_6/ptodata/2/pna/USO9_NEW_COMB.seq:*
/cgn2_6/ptodata/2/pna/USO9_NEW_COMB.seq:*
/cgn2_6/ptodata/2/pna/USO9_NEW_COMB.seq:*
                                               Compugen Ltd
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US-09-543-679A-1680

US-09-543-679A-2824

US-09-543-679A-2409

US-09-543-679A-2409

US-09-543-679A-3002

US-09-724-866A-10248

US-09-724-866A-10248

US-09-724-866A-10248

US-09-801-833-8013

US-09-801-833-8013

US-09-801-833-8013

US-09-801-833-8013

US-09-12A-40840

US-09-139-449-2634

US-09-319-449-2634

US-09-533-077-317

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US-09-548-505-198

US-09-540-212A-6108

US-09-540-212A-62241

US-09-540-212A-1691

US-09-248-505-1491

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US-60-248-505-28
                     GenCore version 4.5
Copyright (c) 1993 - 2000 Comp
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                  - nucleic search, using sw model
                                                                                                                                                                                                                                                                                               1 TGTGGTCTGTTTTTTCTG 19
                                                                                                                                                                                                                                                                                                                                             IDENTITY_NUC Gapop 10.0 , Gapext 1.0
                                                                                                                                                                                                                                                       US-09-093-972C-966
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Minimum DB seq length: 0
Maximum DB seq length: 200000000
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112211, A
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125678, A
50778, A
66293, A
66293, A
36379, A
5995, Ap
7576, Ap
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Sequence 6
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GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLICONUCLEOTIDE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                Sequence Seq
                                                                                                                                                                                                                                                                                                                                                               Sequence
Sequence
Sequence
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    Sequence 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: PRIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                 PCT-USO1-01351-14

US-09-540-212A-5578

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US-09-540-212A-36378

US-09-540-212A-36378

US-09-540-212A-36378

US-09-540-212A-36378

US-09-739-449-3311

PCT-USO1-01339-7576

PCT-USO1-01339-1232

US-09-801-833-848

US-09-801-833-848

US-09-801-833-848

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REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFRAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PCT-US01-01339-7268
PCT-US01-01339-7269
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE DESCRIPTION: SEQ ID NO: 969:
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FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
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COUNTRY:
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                                                                                                                                                                                                  TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLECTIDE, COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLECTIDE, COMPOSITIONS, KIT & METHOD FOR TREATMENT OF AIRWAY DISORDERS ASSOCIATED WITH BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                    BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 19; DB 5; Length 329; 100.0%; Pred. No. 8.8; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                              ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Ancel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: N/A
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FLING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE DESCRIPTION: SEQ ID NO: 1680:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/127,958 FILING DATE: 1998-08-03 ATTORNEY/AGENT INFORMATION:
                                                                                                                                      Sequence 1680, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2814, Application US/09543679A
GENERAL INFORMATION:
APPLICANT: NYCE, Jonathan W
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 329 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 1680: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3111
                   1 TGTGGTCTGTTTTTTCTG 19
1 TGTGGTCTGTTTTTTCTG 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                    CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                             USA
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Best Local Similarity
Matches 19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                          STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
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                                                                                                                       JS-09-543-679A-1680
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Gaps
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APPLICANT: NYCE, JONATHAN W.

APPLICANT: NYCE, JONATHAN W.

COMPOSITIONS, KIT & METHOD FOR TREATMENT

OF AIRWAY DISORDERS ASSOCIATED WITH

BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
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ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive CITY: Cranbury
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC. STREET: 7 Clarke Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
TELEX: CUNKNOWN>
INFORMATION FOR SEQ ID NO: 2824:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 19; DB 5; 100.0%; Pred. No. 11;
                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-APT-2000
CLASSIFICATION: UNKNOWN
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/09/543,679A FILING DATE: 13-Apr-2000 CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 2824:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/127,958
                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 1998-08-03
ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 2409, Application US/09543679A; GENERAL INFORMATION:
                                                                                                                                                                     COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 2988 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      531 TGTGGTCTGTTTTTTCTG 513
                                                                                                                             COMPUTER READABLE FORM:
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MEDIUM TYPE: CD-R
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Best Local Similarity 100.0
Matches 19; Conservative
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                                                                                                                                                                                                                 SOFTWARE: N/A
                                                                                     USA
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                                                                                                                                                     MEDIUM TYPE:
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                                                                                                       ZIP: 08512
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                                                                                   COUNTRY:
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Query Match 89.5%; Score 17; DB 5; Length 683; Best Local Similarity 100.0%; Pred. No. 64; Matches 17; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
                                                                                        Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 10248, Application US/09724866A GENERAL INFORMATION:
APPLICANT: Havukkala, Ilkka
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CCATION: (1)...(392)
CTHER INFORMATION: n = A,T,C or G
US-09-724-866A-6754
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LOCATION: (1)...(683)
OTHER INFORMATION: n = A,T,C or
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                                                                                                                                 1 TGTGGTCTGTTTTTTTG 19
                                                                                                                                                        73 TGTGGTCTGTTTTTTCTG 91
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Best Local Similarity 100.
Matches 17; Conservative
                                                                                   Conservative
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                                                           Best Local Similarity
Matches 19; Conserv
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LENGTH: 683
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                                             Query Match
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: NYCE, JONATHAN W.
TITLE OF INVENTION: LOW ADENOSINE ANTI-SENSE OLIGONUCLEOTIDE,
COMPOSITIONS, KIT & METHOD FOR TREATMENT
OF AIRWAY DISORDERS ASSOCIATED WITH
BRONCHOCONSTRICTION, LUNG INFLAMMATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ;
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                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 19; DB 5; Length 7800; Best Local Similarity 100.0%; Pred. No. 12; Matches 19; Conservative 0; Mismatches 0; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
                                        NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFRAX: 413-254-9245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: EPI-0067191b
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/543,679A
FILING DATE: 13-Apr-2000
CLASSIFICATION: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; SEQUENCE DESCRIPTION: SEQ ID NO: 3002: US-09-543-679A-3002
                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
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SEQUENCE DESCRIPTION: SEQ ID NO: 2409:
US-09-543-679A-2409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/127,958 FILING DATE: 1998-08-03 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 117608 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                              LENGTH: 7800 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
FILING DATE: 1998-08-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 3002: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                            TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 2409:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 7 Clarke Drive
                     ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 413-254-9245
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 3111
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 TGTGGTCTGTTTTTTCTG 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Cranbury
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US-09-543-679A-3002
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100.0%; Score 19; DB 5; Length 117608; 100.0%; Pred. No. 16;
                                                                                                                                                                                                                                                             NS-09-724 866A-6754/C

Sequence 6754, Application US/09724866A

GENERAL INFORMATION:

APPLICANT: HAVUKkala. 11kka

TITLE OF INVENTION: Polynuclectides, Material Incorporating

TITLE OF INVENTION: Them, and Methods for Using Them

FILE REFERENCE: 11000.1049BU

CURRENT APPLICATION NUMBER: US/09/724,866A

CURRENT FILING DATE: 2000-11-28

PRIOR APPLICATION NUMBER: 60/171,432

PRIOR APPLICATION NUMBER: 60/171,432

ROFTWARE: FSEQ for Windows Version 4.0

SEQ ID NO 6754

LENGTH: 392
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100.0%; Pred. No. 60;
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                                                        Indels
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Query Match
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Sequence 239, Application US/60248505
GENERAL INFORMATION:
APPLICANT: Beasley, Ellen
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: C1000918
CURRENT APPLICATION NUMBER: US/60/248,505
CURRENT FILING DATE: 2000-11-15
NUMBER OF SEQ ID NOS: 1998
SSOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 12084
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GENERAL INFORMATION:
APPLICANT: GLUCKSMANN, M. Alexandra
TITLE OF INVEWION: NUCLEIC ACID MOLECULES DERIVED FROM A
TITLE OF INVEWION: HUMAN BRAIN LIBRARY
FILE REPERENCE: 1600,1037-005
CURRENT APPLICATION NUMBER: US/09/801,833
CURRENT FILING DATE: 2001-03-13
PRIOR APPLICATION NUMBER: 09/371,168
PRIOR PILING DATE: 1999-08-10
PRIOR PILING DATE: 1998-08-10
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 8285
SOFFWARE: FEASESQ for Windows Version 4.0
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Pred. No. 1.1e+02;
0; Mismatches 1;
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; OTHER INFORMATION: n = A,T,C or G
US-09-801-833-5228
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94.4%;
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                   250 TGTGGTCTGTTTTTTC 234
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Best Local Similarity 94.49
 1 TGTGGTCTGTTTTTTC 17
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Best Local Similarity 100.
Matches 17; Conservative
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                                                                                                                                                                                                                                                                                                                                                                            ; TYPE: DNA
; ORGANISM: human
US-60-248-505-239
                                                                                                            US-60-248-505-239/c
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US-09-801-833-5228
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LENGTH: 575
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GENERAL INFORMATION:
APPLICANT: Beasley, Ellen
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: RECEPTORS, AND USES THEREOF
FILE REPERENCE: cl000918
CURRENT APPLICATION NUMBER: US/60/248,505
CURRENT APPLICATION NUMBER: US/60/248,505
NUMBER OF SEQ ID NOS: 1998
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       Sequence 8013, Application US/09801833

GENERAL INFORMATION:
APPLICANT: Glucksmann, M. Alexandra
TITLE OF INVENTION: HUMAN BRAIN LIBRARY
TITLE OF INVENTION: HUMAN BRAIN LIBRARY
FILE REFERENCE: 1600.1037-005
CURRENT APPLICATION NUMBER: 02/09/801,833
CURRENT FILING DATE: 2010-03-13
PRIOR FILING DATE: 1999-08-10
SPIOR FILING DATE: 1999-10-05
NUMBER OF SEQ ID NOSE: 86/103,145
SOFTWARE: FASTSEQ for Windows Version 4.0
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94.4%; Pred. No. 1.4e+02;
tive 0; Mismatches 1;
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94.4%; Pred. No. 1.8e+02;
tive 0; Mismatches 1;
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; OTHER INFORMATION: n = A,T,C or G
US-09-801-833-8013
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; OTHER INFORMATION: n = A,T,C or G
US-60-248-505-51
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Matches 17; Conservative
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Best Local Similarity 94.4<sup>1</sup>
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
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US-09-540-212A-40840
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ORGANISM: human
US-09-801-833-8013
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LENGTH: 118467
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GEMERAL INFORMATION:
APPLICANT: ROSen, et. al.
TITLE OF INVENTION: Human Genes, Sequences, and Expression Products 44
TITLE OF INVENTION: Human Genes, Sequences, and Expression Products 44
CURRENT RELIGE APPLICATION NUMBER: US/09/487,566A
CURRENT FILING DATE: 1200-01-19
PRIOR PILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 5508
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 495
LENGTH: 571
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                                APPLICANT: Scalhamer, Jeffrey J.
APPLICANT: Scalhamer, Jeffrey J.
APPLICANT: Scalhamer, Angelo M.
APPLICANT: Stuart, Susan G.
APPLICANT: Stuve, Laura L.
APPLICANT: Stuve, Laura L.
APPLICANT: Mullahy, Sara J.
APPLICANT: Mullahy, Sara J.
APPLICANT: Mullahy, Sara J.
APPLICANT: Mughton, Rebecca E.
TITLE OF INVENTION, POLYNUCLEOTIDES OF AIRWAY AND LUNG SYSTEM TISSUE
GURRENT APPLICATION NUMBER: US/09/540,212A
CURRENT PILING DATE: 2000-03-31
NUMBER OF SEQ ID NOS: 67551
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        83.2%; Score 15.8; DB 5; Length 210; 89.5%; Pred. No. 1.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
) OTHER INFORMATION: Incyte ID No: hu00258737
US-09-540-212A-40840
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: n equals a,t,g, or c NAME/KEY: misc feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: n equals a,t,g, or c NAME/KEY: misc feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                or c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc feature
LOCATION: (150)
OTHER INFORMATION: n equals a,t,g, or
NAME/KEY: misc feature
LOCATION: (213)
Sequence 40840, Application US/09540212A GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: n equals a,t,g,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: n equals a, t, g,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: n equals a,t,g, NAME/KEY: misc feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 TGTGGTCTGTTTTTTCTG 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 89.59
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc feature LOCATION: (362)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc feature
                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 13
US-09-487-566A-495/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: (285)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LOCATION: (298)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LOCATION: (414)
                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 40840
LENGTH: 210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
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Sequence 2634, Application US/09739449
| Sequence 2634, Application US/09739449
| Sequence 2634, Application US/09739449
| GENERAL INFORMATION: Steven C. | TILE OF INVENTION: APPLICANT: Stater, Steven C. | TILE OF INVENTION: APPLICANTION ADDACTETION TOWNERS: US/09/739,449
| CURRENT APPLICATION NUMBER: US/09/739,449
| CURRENT PILING DATE: 2000-12-19 | PRIOR FILING DATE: 2000-12-13 | PRIOR FILING DATE: 2000-02-23 | SEQ ID NOS: 13351 | SEQ ID NO 2634 | LENGTH: 837
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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89.5%; Pred. No. 2e+02;
tive 0; Mismatches 2; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           83.2%; Score 15.8; DB 5; Length 571;
89.5%; Pred. No. 2e+02;
tive 0; Mismatches 2; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COCATION: (1)..(837)
COTHER INFORMATION: unsure at all n locations
US-09-739-449-2634
                                                                                                                                                                                                                                                                                                                                                                                             CTHER INFORMATION: n equals a,t,g, or C US-09-487-566A-495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 132, Application PC/TUS0108117
GENERAL INFORMATION:
APPLICANT: INCYTE GENOMICS, INC.
APPLICANT: HILLMAN, Jennifer L.
APPLICANT: BAUGHN, Mariah R.
                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature
                                                                                                                                                                                               or
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                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Agrobacterium tumefaciens
                                                                                                                                                                                         OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
LOCATION: (562)
OTHER INFORMATION: n equals a,t,g,
                                                           OTHER INFORMATION: n equals a,t,g,
                                                                                                           LOCATION: (523)
OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
                                                                                                                                                                                                                                                           OTHER INFORMATION: n equals a,t,g,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          170 TGTGGTATTTTTTTTG 152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 TGTGGTCTGTTTTTTCTG 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 TGTGGTCTGTTTTTTTCTG 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 83.29
Best Local Similarity 89.59
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 89.5
Matches 17; Conservative
                                                                                                                                                                                                                                                                                  NAME/KEY: misc feature LOCATION: (563)
                    NAME/KEY: misc feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: unsure
                                                                                                                                                                                                                                                                                                                                                                             LOCATION: (571)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 15
PCT-US01-08117-132
                                               (466)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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                                                                                                                                                                           LOCATION:
                                             LOCATION:
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## APPLICANT: LAL, Preeti
## APPLICANT: LAL, Dyung Alna M.
## APPLICANT: PATTERSOM, Chandra
## APPLICANT: PATTERSOM, Chandra
### APPLICANT: PATTERSOM, Chandra
### APPLICANT: BANDMAN, Olga
### APPLICANT: TANG, Y. Toom
### APPLICANT: TANG, Y. Toom
### APPLICANT: ANATHER, Preete
### APPLICANT: ANATHER, Preete
### APPLICANT: SHAH, PULVA
### APPLICANT: ANATHER, Preete
### APPLICANT: ANATHER, Preete
### APPLICANT: REDDY, ROOD
### APPLICANT: REDDY, ROOD
### APPLICANT: REDDY, ROOD
### APPLICANT: ADD TOOL
### APPLICANT: ANATHER, PREETE
### APPLICANT: APPLICANT: TANBER: PERL PROGRAM
### APPLICANT: DATA
### OKGANISM: Homo sapiens
### COURGANISM: Homo sapiens
### PEATURE: DAA
### OKGANISM: MACA
### OWENISM: MACA
### OUTHER INFORMATION: Incyte ID No: 1383473CB1
### PCT-US01-08117-132
### OUNSETTATTTTCG 19
### OUTHER INFORMATION: Incyte ID No: 2.3e+02;
### APPLICANT: APPLICANTITYTTCG 19
### APPLICANTITYTCG 19
### APPLICANTITYTTCG 19
### APPLICANTITYTTCG 19
### APPLICANTITYTCG 19
### APPLICANTITYTTCG 19
### APPLICANTITYTCG 19
### A
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